

Recombinant Human Heat shock protein HSP 90-alpha(HSP90AA1),partial



Catalog No: #AP73685

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Package Size: #AP73685-1 10ug #AP73685-2 50ug #AP73685-3 100ug #AP73685-4 200ug #AP73685-5 500ug #AP73685-6 1mg

Support: tech@abscitech.com

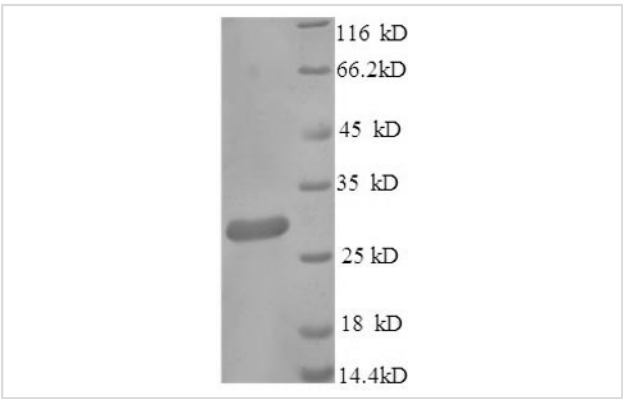
Description

Product Name	Recombinant Human Heat shock protein HSP 90-alpha(HSP90AA1),partial
Brief Description	Recombinant Protein
Host Species	E.coli
Target Name	HSP90AA1
Other Names	Heat shock 86 kDa; HSP 86; HSP86Lipopolysaccharide-associated protein 2; LAP-2; LPS-associated protein 2Renal carcinoma antigen NY-REN-38
Accession No.	Uniprot ID: P07900
Target Species	Hu
SDS-PAGE MW	31.39kDa
Target Length	Partial,9-232aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	DQPMEEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELISNSSDALDKIRYESLTDPSKLD SGKELHINLIPNKQ DRTLIVDTGIGMTKADLINNLGTIAKSGTKAFMEALQAGADISMIGQFGVGFYSAYLVAEKVTVITKHNDDEQY AWESSAGGSFTVRTDTGPEPMGRGTKVILHLKEDQTEYLEERRIKEIVKKHSQFIGYPITLFVEKERDKEVSD
Formulation	Tris-based buffer,50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Application Details

Greater than 90% as determined by SDS-PAGE.

Images



Background

Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function. Binds bacterial lipopolysaccharide (LPS) et mediates LPS-induced inflammatory response, including TNF secretion by monocytes.

References

The DNA sequence and analysis of human chromosome 14. Heilig R., Eckenberg R., Petit J.-L., Fonknechten N., Da Silva C., Cattolico L., Levy M., Barbe V., De Berardinis V., Ureta-Vidal A., Pelletier E., Vico V., Anthouard V., Rowen L., Madan A., Qin S., Sun H., Du H., Pepin K., Artiguenave F., Robert C., Cruaud C., Bruels T., Jaillon O., Friedlander L., Samson G., Brottier P., Cure S., Segurens B., Aniere F., Samain S., Crespeau H., Abbasi N., Aiach N., Boscus D., Dickhoff R., Dors M., Dubois I., Friedman C., Gouyvenoux M., James R., Madan A., Mairey-Estrada B., Mangenot S., Martins N., Menard M., Oztas S., Ratcliffe A., Shaffer T., Trask B., Vacherie B., Bellemere C., Belser C., Besnard-Gonnet M., Bartol-Mavel D., Boutard M., Briez-Silla S., Combette S., Dufosse-Laurent V., Ferron C., Lechaplais C., Louesse C., Muselet D., Magdelenat G., Pateau E., Petit E., Sirvain-Trukniewicz P., Trybou A., Vega-Czarny N., Bataille E., Bluet E., Bordelais I., Dubois M., Dumont C., Guerin T., Haffray S., Hammadi R., Muanga J., Pellouin V., Robert D., Wunderle E., Gauguier G., Roy A., Sainte-Marthe L., Verdier J., Verdier-Discale C., Hillier L.W., Fulton L., McPherson J., Matsuda F., Wilson R., Scarpelli C., Gyapay G., Wincker P., Saurin W., Quetier F., Waterston R., Hood L., Weissbach J. Nature 421:601-607(2003)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.