

Recombinant Human Store-operated calcium entry-associated regulatory factor(SARAF),partial



Catalog No: #AP73744

Orders: order@abscitech.com

Package Size: #AP73744-1 10ug #AP73744-2 50ug #AP73744-3 100ug #AP73744-4 200ug #AP73744-5 500ug #AP73744-6 1mg

Support: tech@abscitech.com

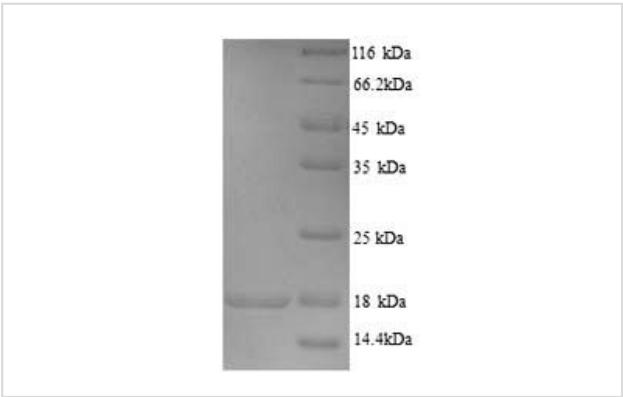
Description

Product Name	Recombinant Human Store-operated calcium entry-associated regulatory factor(SARAF),partial
Brief Description	Recombinant Protein
Host Species	Yeast
Target Name	SARAF
Other Names	HBV X-transactivated gene 3 protein HBV XAg-transactivated protein 3 Protein FOAP-7 Transmembrane protein 66
Accession No.	Uniprot ID: Q96BY9
Target Species	Hu
SDS-PAGE MW	17.48kDa
Target Length	Cytoplasmic Domain,195-339aa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SDGQYSPPPYSEYPPFSHRYQRFTNSAGPPPPGFKSEFTGPQNTGHGATSGFGSAFTGQQGYENSGPGFW TGLGTGGILGYLFGSNRAATPFSDSWYYPSPPSYPGTWNRAYSPLHGGSGSYSVCSNSDTKTRTASGYGG TRRR
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

Negative regulator of store-operated Ca^{2+} entry (SOCE) involved in protecting cells from Ca^{2+} overfilling. In response to cytosolic Ca^{2+} elevation after endoplasmic reticulum Ca^{2+} refilling, promotes a slow inactivation of STIM (STIM1 or STIM2)-dependent SOCE activity: possibly act by facilitating the deoligomerization of STIM to efficiently turn off ORAI when the endoplasmic reticulum lumen is filled with the appropriate Ca^{2+} levels, and thus preventing the overload of the cell with excessive Ca^{2+} ions.

References

"Molecular cloning of a human novel gene, FOAP-7, which are highly expressed in macrophages." Fujii Y., Tsuritani K., Yajima Y., Amemiya T., Ukai Y., Naito K., Kawaguchi A., Takayama K. Submitted (JUN-1999)

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