Recombinant Human Zona pellucida sperm-binding protein 3

Catalog No: #AP73666

Package Size: #AP73666-1 20ug #AP73666-2 50ug #AP73666-3 100ug

Orders: order@abscitech.com
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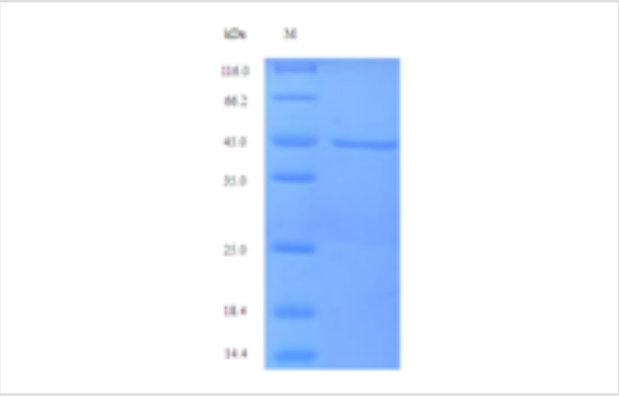
Description

Product Name	Recombinant Human Zona pellucida sperm-binding protein 3
Brief Description	Recombinant Protein
Host Species	Mammalian Cell
Accession No.	Uniprot ID: P21754
Target Species	Human
SDS-PAGE MW	44.2kd
Target Length	Full Length, 23-387aa
Tag Info	His-tagged
Target Sequence	QPLWLLQGGASHPETSVQPVLVECQEATLMVMVSKDLFGTGKLIRAADLTLGPEACEPLVSMDTEDVVRFEV GLHECGNSMQVTDDALVYSTFLLHDPRPVGNLSIVRTNRAEIPIECRYPRQGNVSSQAILPTWLPFRTTVFSEE KLTFSLRLMEENWNAEKRSPTFHLGDAAHLQAEIHTGSHVPLRLFVDHCVATPTPDQNASPYHTIVDFHGCLV DGLTDASSAFKVPRPGPDTLQFTVDVFHFANDSRNMIYITCHLKVTLAEQDPDELNKACSFSKPSNSWFPVEG SADICQCCNKGDCGTPSHSRRQPHVMSQWSRSASRNRRHVTEEADVTVGPLIFLDRRGDHEVEQWALPSDT SV
Formulation	Tris-based buffer,pH 8.0,50% glycerol
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Application Details

Purity: Greater than 90% as determined by SDS-PAGE.

Images



Background

Cloning and characterization of the human sperm receptor ligand ZP3: evidence for a second polymorphic allele with a different frequency in the

Caucasian and Japanese populations.
van Duin M., Polman J.E., Verkoelen C.C., Bunschoten H., Meyerink J.H., Olijve W., Aitken R.J.Genomics 14:1064-1070(1992) The mammalian zona pellucida, which mediates species-specific sperm binding, induction of the acrosome reaction and prevents post-fertilization polyspermy, is composed of three to four glycoproteins, ZP1, ZP2, ZP3, and ZP4. ZP3 is essential for sperm binding and zona matrix formation.
"Cloning and characterization of the human sperm receptor ligand ZP3: evidence for a second polymorphic allele with a different frequency in the Caucasian and Japanese populations."
van Duin M., Polman J.E., Verkoelen C.C., Bunschoten H., Meyerink J.H., Olijve W., Aitken R.J.
Genomics 14:1064-1070(1992)

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