

Product datasheet for **TP761030**

BSPH1 (NM_001128326) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human binder of sperm protein homolog 1 (BSPH1), full length, with N-terminal HIS tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length BSPH1
Tag:	N-His
Predicted MW:	15.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001121798
Locus ID:	100131137
UniProt ID:	Q075Z2
Cytogenetics:	19q13.33
RefSeq ORF:	396
Synonyms:	BSP1; ELSPBP2
Summary:	Binds sperm in vitro and promotes sperm capacitation. Specifically promotes capacitation induced by high density lipoproteins (HDLs). Also binds heparin, phospholipid liposomes, and weakly to gelatin. Does not bind chondroitin sulfate B.[UniProtKB/Swiss-Prot Function]


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Product images:

