

Recombinant Human IZUMO1 protein, His-tagged

Cat. No. IZUMO1-8591H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IZUMO1 protein(AAH34769.1) (Met1-Arg292) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-292 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human IZUMO1 consists of 282 amino acids and predicts a molecular mass of 32.1 KDa. It migrates as an approximately 43 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	IZUMO1 izumo sperm-egg fusion 1 [Homo sapiens]
Official Symbol	IZUMO1
Synonyms	IZUMO1; izumo sperm-egg fusion 1; izumo sperm-egg fusion protein 1; IZUMO; MGC34799; OBF; oocyte binding/fusion factor; sperm-specific protein Izumo; FLJ61440;
Gene ID	284359
mRNA Refseq	NM_182575
Protein Refseq	NP_872381
MIM	609278
UniProt ID	Q8IYV9

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