

Recombinant Human IZUMO1 Protein, MYC/DDK-tagged

Cat. No. IZUMO1-2637H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IZUMO1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The sperm-specific protein Izumo, named for a Japanese shrine dedicated to marriage, is essential for sperm-egg plasma membrane binding and fusion (Inoue et al., 2005 [PubMed 15759005]).
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	IZUMO1 izumo sperm-egg fusion 1 [Homo sapiens]
Official Symbol	IZUMO1

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Synonyms	IZUMO; OBF
Gene ID	284359
mRNA Refseq	NM_182575
Protein Refseq	NP_872381
MIM	609278
UniProt ID	Q8IYV9

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