

Recombinant Human IZUMO1 protein, His&Myc-tagged

Cat. No. IZUMO1-4340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IZUMO1 protein(Q8IYV9)(22-292aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-292aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	38.1 kDa
AA Sequence	CVICDPSVVLALKSLEKDYLPGHLDKHHKAMMERVENAVKDFQELSLNEDAYMGV VDEATLQKGSWSLLKDLKRITSDVKGDLFVKELFWMLHLQKETFATYVARFQKEAY CPNKCGVMLQTLIWCKNCKKEVHACRKS YDCGERNVEVPQMEDMILDCELNWHQA SEGLTDYSFYRVWGNNTETLVSKGKEATLT KPMVGPEDAGSYRCELGSVNSSPATII NFHVTVLPKMKEEKPSPNIVTPGEATTESSISLQPLQPEKMLASR
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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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