

Sperm-egg fusion protein Juno (IZUMO1R) Recombinant Protein | IZUMO1R recombinant protein

Recombinant Human Sperm-egg fusion protein Juno (IZUMO1R)

CATALOG # AAA18552	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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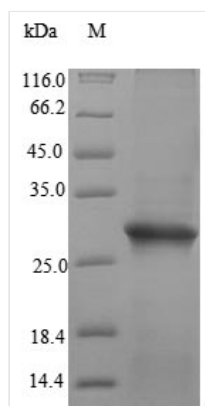
PRODUCT SYNONYMS

Sperm-egg fusion protein Juno (IZUMO1R); Recombinant Human Sperm-egg fusion protein Juno (IZUMO1R); Probable folate receptor delta; FR-delta; Folate receptor 4; IZUMO1R recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-250aa; Full-Length of the Mature Protein
Sequence	GDELLNICMN AKHHKRVSP EDKLYEECIP WKDNACCTLT TSWEAHLDVD PLYNFSLFHC GLLMPGCRKH FIQAICFYEC SPNLGPWIQP VGSLGWEVAP SGQGERVVNV PLCQEDCEEW WEDCRMSYTC KSNWRGGWDW SQGKNRCPKG AQCLPFSHYF PTPADLCEKT WSNSFKASPE RRNSGRCLQK WFEPAQGNPN VAVARLFASS APSWELSYTI MVCSLFLPFL S
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IZUMO1R recombinant protein	Receptor for IZUMO1 present at the cell surface of oocytes (oolemma), which is essential for gamete recognition and fertilization. The IZUMO1:IZUMO1R/JUNO interaction is a necessary adhesion event between sperm and egg that is required for fertilization but is not sufficient for cell fusion. The ligand-receptor interaction probably does not act as a membrane 'fusogen'. Does not bind folate (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	312836827
NCBI GeneID	390243
NCBI Accession #	NP_001186135.1
NCBI GenBank Nucleotide #	NM_001199206.1
UniProt Accession #	A6ND01
Molecular Weight	30.3 kDa
NCBI Official Full Name	sperm-egg fusion protein Juno
NCBI Official Synonym Full Names	folate receptor 4, delta (putative)
NCBI Official Symbol	FOLR4
NCBI Official Synonym Symbols	JUNO; Folbp3
NCBI Protein Information	sperm-egg fusion protein Juno; FR-delta; folate receptor delta; probable folate receptor delta; folate receptor 4 (delta) homolog
UniProt Protein Name	Sperm-egg fusion protein Juno
UniProt Gene Name	FOLR4
UniProt Synonym Gene Names	JUNO; FR-delta
UniProt Entry Name	JUNO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/folr4-recombinant-protein-e-coli/18552>