

IZUMO1 Protein, Human (HEK293, His)

Cat. No.:	HY-P77035
Synonyms:	Izumo sperm-egg fusion protein 1; Oocyte binding/fusion factor; OBF
Species:	Human
Source:	HEK293
Accession:	Q8IYV9-1/AAH34769.1 (C22-R292)
Gene ID:	284359
Molecular Weight:	Approximately 40-43 kDa due to the glycosylation.

PROPERTIES

AA Sequence	<p> C V I C D P S V V L A L K S L E K D Y L P G H L D A K H H K A M M E R V E N A V K D F Q E L S L N E D A Y M G V V D E A T L Q K G S W S L L K D L K R I T D S D V K G D L F V K E L F W M L H L Q K E T F A T Y V A R F Q K E A Y C P N K C G V M L Q T L I W C K N C K K E V H A C R K S Y D C G E R N V E V P Q M E D M I L D C E L N W H Q A S E G L T D Y S F Y R V W G N N T E T L V S K G K E A T L T K P M V G P E D A G S Y R C E L G S V N S S P A T I I N F H V T V L P K M I K E E K P S P N I V T P G E A T T E S S I S L Q P L Q P E K M L A S R </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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