

IGSF11 recombinant protein

Recombinant Human IGSF11 Protein (ECD, hFc Tag), HPLC-verified

CATALOG #
AAA259192

HOST
HEK293 Cells

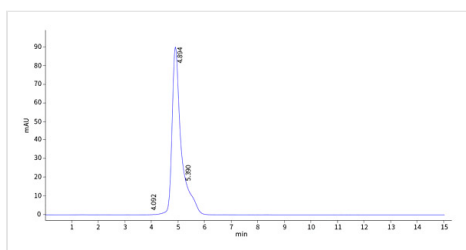
PRODUCT SYNONYMS

IGSF11; Recombinant Human IGSF11 Protein (ECD, hFc Tag); HPLC-verified; immunoglobulin superfamily; member 11; BT-IgSF Protein; Human; CT119 Protein; CXADRL1 Protein; Igsf13 Protein; VSIG3 Protein; IGSF11 recombinant protein

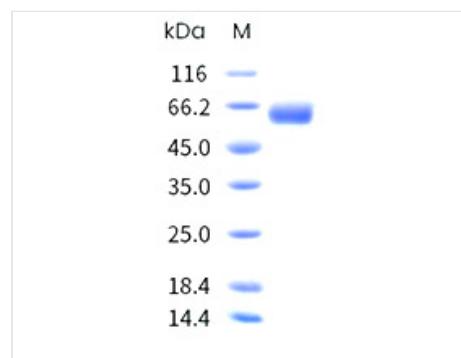
PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>= 95% as determined by SDS-PAGE. = 90% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Species	Human
Predicted N Terminal	Leu 23
Endotoxin	<1.0 EU per ug of the protein as determined by the LAL method
Protein Construction	A DNA sequence encoding the Human IGSF11 (Q5DX21-1)(Met1-Gly241) was expressed with the Fc region of human IgG1 at the C-terminus.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for IGSF11 recombinant protein	Immunoglobulin superfamily member 11(IGSF11) is expressed on the plasma membrane in the testis and brain. These IGSF proteins undergo final modifications during capacitation and/or the acrosome reaction. IGSF proteins share significant homology with endothelial cell-selective adhesion molecule and coxsackievirus and adenovirus receptor, which mediates cell attachment and homotypic intercellular interactions. In clinical, the IGSF11 has been reported to overexpressed in colorectal cancers and hepatocellular carcinomas, as well as intestinal-type gastric cancers, compared to their corresponding non-cancerous tissues. The IGSF11 has also been found expressed abundantly in the testis and ovary and the IGSF11 can be used as a candidate of cancer-testis antigen.
References	Toshimori K, et al. (2006) The involvement of immunoglobulin superfamily proteins in spermatogenesis and sperm-egg interaction. Reproductive Medicine and Biology. 5(2): 87-93. Coyne CB, et al. (2005) CAR: A virus receptor within the tight junction. Advanced Drug Delivery Reviews. 57(6) : 869-82. Watanabe T, et al. (2005) Identification of immunoglobulin superfamily 11 (IGSF11) as a novel target for cancer immunotherapy of gastrointestinal and hepatocellular carcinomas. Cancer Science. 96(8) :498-506.

NCBI AND UNIPROT INFORMATION

Molecular Weight	The recombinant Human IGSF11 consisting of 457 amino acids and has a calculated molecular mass of 49.95 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 59.5 kDa protein in SDS-PAGE under reducing conditions.
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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/igsf11-recombinant-protein-hek293/259192>