

IGSF8 recombinant protein

IGSF8 Protein, Mouse, Recombinant (His Tag)

CATALOG #
AAA258222

HOST
HEK293 Cells

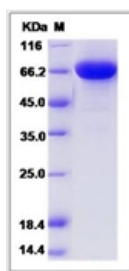
PRODUCT SYNONYMS

IGSF8; IGSF8 Protein; Mouse; Recombinant (His Tag); Mouse PGRL/IGSF8 Protein (His Tag); AA033172 Protein; AU041109 Protein; ESTM34 Protein; EWI-2 Protein; KCT-4 Protein; PGRL Protein; R75384 Protein; immunoglobulin superfamily; member 8; IGSF8 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA
Sequence	Met1-Thr57 7
Species	Mouse
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Arg 26
Protein Construction	A DNA sequence encoding the mouse IGSF8 (AAH48387.1)(Met1-Thr577) was expressed with a C-terminal polyhistidine tag.
Preparation and Storage	Store it under sterile conditions at -20 to -80 degree C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

References

Glazar AI, et al. (2009) Immunoglobulin superfamily member IgSF8 (EWI-2) and CD9 in fertilisation: evidence of distinct functions for CD9 and a CD9-associated protein in mammalian sperm-egg interaction. *Reprod Fertil Dev.* 21(2): 293-303. Murdoch JN, et al. (2003) Genomic organization and embryonic expression of Igsf8, an immunoglobulin superfamily member implicated in development of the nervous system and organ epithelia. *Mol Cell Neurosci.* 22(1): 62-74. Zhang XA, et al. (2003) EWI2/PGRL associates with the metastasis suppressor KAI1/CD82 and inhibits the migration of prostate cancer cells. *Cancer Res.* 63 (10): 2665-74.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29124477
NCBI GeneID	140559
Molecular Weight	The recombinant mouse IGSF8 comprises 563 amino acids and has a predicted molecular mass of 60.2 kDa. The apparent molecular mass of the protein is approximately 66 kDa in SDS-PAGE under reducing conditions due to glycosylation
NCBI Official Full Name	Immunoglobulin superfamily, member 8
NCBI Official Synonym Full Names	immunoglobulin superfamily, member 8
NCBI Official Symbol	Igsf8
NCBI Official Synonym Symbols	PGRL; EWI-2; KCT-4; ESTM34
NCBI Protein Information	immunoglobulin superfamily member 8

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://stage.aaabiotech.com/igsf8-recombinant-protein-hek293-cells/258222>