

Datasheet for ABIN7548495
IGSF5 Protein (AA 1-407) (His tag)



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Overview

Quantity:	1 mg
Target:	IGSF5
Protein Characteristics:	AA 1-407
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGSF5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant IGSF5 Protein expressed in mammalian cells.
Sequence:	<p>MGQKERSTAD TLPDLEEWKS AAGLRWWQTA VVDGSGSGNE VIEGPQNARV LKGSQARFNC TVSQGWKLIM WALSDMVVLS VRPMEPIITN DRFTSQRYDQ GGNFTSEMII HNVEPSDSGN IRCSLQNSRL HGSAYLTVQV MGELFIPSVN LVVAENEPCE VTCLPSHWTR LPDISWELGL LVSHSSYYFV PEPSDLQSAV SILALTPQSN GTLTCVATWK SLKARKSATV NLTVIRCPQD TGGGINIPGV LSSLP SLGFS LPTWGVKVLG LAGTMLLTPT CTLTIRCCCC RRRCCGCNCC CRCCFCCRRK RGFRIQFQKK SEKEKTNKET ETESGNENSG YNSDEQKTTD TASLPPKSCE SSDPEQRNSS CGPPHQRADQ RPPRPASHPQ ASFNLASPEK VSNTTVV Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	IGSF5
Alternative Name:	IGSF5 (IGSF5 Products)
Background:	<p>Immunoglobulin superfamily member 5 (IgSF5) (Junctional adhesion molecule 4) (JAM-4),FUNCTION: Provides, together with MAGI1, an adhesion machinery at tight junctions, which may regulate the permeability of kidney glomerulus and small intestinal epithelial cells. Mediates calcium-independent homophilic cell adhesion. In testis, it may function as a cell adhesion molecule rather than a tight-junction protein. It may participate in the adhesion between spermatogonia-spermatogonia, spermatogonia-Sertoli cells, and Sertoli cells-Sertoli cells (By similarity). {ECO:0000250}.</p>
Molecular Weight:	44.6 kDa
UniProt:	Q9NSI5

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months