

Recombinant Human IGSF1 Full Length Transmembrane protein, His-tagged

Cat. No. IGSF1-1322H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGSF1 protein(Q8N6C5)(1-1336aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-1336aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	151.8 kDa
AA Sequence	MTLDRPGEGATMLKTFTVLLFCIRMSLGMTSIVMDPQPELWIESNYPQAPWENITLW CRSPSRISSKFLLLKDKTQMTWIRPSHKTFQVSFLIGALTESNAGLYRCCYWKETGW SKPSKVLELEAPGQLPKPIFWIQAETPALPGCNVNILCHGWLQDLVFMLFKEGYAEP VDYQVPTGTMAIFSIDNLTPEDEGVYICRTHIQMLPTLWSEPSNPLKLVVAGLYPKPT LTAHPGPIMAPGESLNLRCQGPIYGMTFALMRVEDLEKSFYHKKTIKNEANFFFQSL KIQDTGHYLCFYDASYRGSLLSDVLKIWVTDTFPKTWLLARPSAVVQMGQNVSLR CRGPVDGVGLALYKKGEDKPLQFLDATSIDDNTSFFLNNVTYSDTGIYSCHYLLTWK TSIRMPSHNTVELMVVDKPPKPSLSAWPSTVFKLGKAITLQCRVSHPVLEFSLEWEE

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RETFQKFSVNGDFIISNVDGKGTGTYSYRVETHPNIWSHRSEPLKLMGPAGYLT
 WNYVLNEAIRLSLIMQLVALLLVWLWIRWKCRRRLRIEAWLLGTAQGVTMLFIVTALL
 CCGLCNGVLIEETEIVMPTPKPELWAETNFPLAPWKNLTLWCRSPSGSTKEFVLLKD
 GTGWIATRPASEQVRAAFPLGALTQSHTGSYHCHSWEEMAVSEPSEALELVGTDIL
 PKPVISASPTIRGQELQLRCKGWLAGMGFALYKEGEQEPVQQLGAVGREAFFTIQR
 MEDKDEGNYSRTHTEKRPFKWSEPSEPLELVIKEMYKPKPFFKTWASPVTPGARV
 TFNCSTPHQHMSFILYKDGSEIASSDRSWASPGASAAHFLISVGIGDGGNYSCRY
 DFSIWSEPSDPVELVVTEFYKPTLLAQPGPVVFPKSVILRCQGTFFQGMRFALLQE
 GAHVPLQFRSVSGNSADFLHTVGAEDSGNYSCIYYETTMSNRGSYLSMPLMIWVT
 DTFPKPWLFAEPSSVPMGQNVTLWCRGPVHGVGYILHKEGEATSMQLWGSTSND
 GAFFITNISGTSMGRYSCCYHPDWTSSIKIQPSNTLELLVTGLLPKPSLLAQPGPMVA
 PGENMTLQCQGELPDSTFVLLKEGAQEPLEQQRPSGYRADFWMPAVRGEDSGIYS
 CVYYLDSTPFAASNHSDSLEIWVTDKPPKPSLSAWPSTMFKLGDITLQCRGPLPGV
 EFVLEHDGEEAPQQFSEDGDFVINNVEGKGIGNYSCSYRLQAYPDIWSEPSDPLELV
 GAAGPVAQECTVGNIVRSSLIVVVVALGVVLAIEWKKWPRLRTRGSETDGRDQTIA
 LEECNQEGEPGTPANSPSSTSQRISVELPVPI

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name IGSF1 immunoglobulin superfamily, member 1 [Homo sapiens]

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Official Symbol	IGSF1
Synonyms	IGSF1; immunoglobulin superfamily, member 1; immunoglobulin superfamily member 1; IGCD1; IGDC1; INHBP; KIAA0364; MGC75490; PGSF2; inhibin-binding protein; pituitary gland-specific factor 2; immunoglobulin-like domain-containing protein 1; p120;
Gene ID	3547
mRNA Refseq	NM_001170961
Protein Refseq	NP_001164432
MIM	300137
UniProt ID	Q8N6C5
SDS-PAGE	