

Recombinant Full Length Human Immunoglobulin Superfamily Member 1(Igsf1) Protein, His-Tagged

Cat. No. RFL11203HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Immunoglobulin superfamily member 1(IGSF1) Protein (Q8N6C5) (1-1336aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-1336aa)
Form	Lyophilized powder
AA Sequence	MTLDRPGEGATMLKTFTVLLFCIRMSLGMTSIVMDPQPELWIESNYPQAPWENITLW CRSPSRISSKFLLLKDKTQMTWIRPSHKTFQVSFLIGALTESNAGLYRCCYWKETGW SKPSKVLELEAPGQLPKPIFWIQAETPALPGCNVNILCHGWLQDLVFMLFKEGYAEP VDYQVPTGTMAIFSIDNLTPEDGVYICRTHIQMLPTLWSEPSNPLKLVVAGLYPKPT LTAHPGPIMAPGESLNLRCQGPIYGMTFALMRVEDLEKSFYHKKTIKNEANFFFQSL KIQDTGHYLCFYDASYRGSLLSDVLKIWVTDTFPKTWLLARPSAVVQMGQNVSLR CRGPVDGVGLALYKKGEDKPLQFLDATSIDNNTSFFLNNVTYSDTGIYSCHYLLTWK TSIRMPSHNTVELMVVDKPPKPSLSAWPSTVFKLGKAITLQCRVSHPVLEFSLEWEE RETFQKFSVNGDFIISNVDGKGTGTYSYRVETHPNIWSHRSEPLKLMGPAGYLT WNYVLNEAIRLSLIMQLVALLLVWLWIRWKCRRRLRIEAWLLGTAQGVTMLFIVTALL CCGLCNGVLIEETEIVMPTPKPELWAETNFPLAPWKNLTLWCRSPSGSTKEFVLLKD GTGWIATRPASEQVRAAFPLGALTQSHTGSYHCHSWEEMAVSEPSEALELVGTDIL

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PKPVISASPTIRGQELQLRCKGWLAGMGFALYKEGEQEPVQQLGAVGREAFFTIQR
 MEDKDEGNYSRTHTEKRPFKWSEPSEPLELVIKEMYKPKFFKTWASPVTPGARV
 TFNCSTPHQHMSFILYKDGSEIASSDRSWASPGASAAHFLISVGIGDGGNYSCRY
 DFSIWSEPSDPVELVVTEFYKPTLLAQPGPVVFPKGSVILRCQGTFFQGMRFALLQE
 GAHVPLQFRSVSGNSADFLHTVGAEDSGNYSCIYYETTMSNRGSYLSMPLMIWVT
 DTFPKPWLFAEPSSVPMGQNVTLWCRGPVHGVGYILHKEGEATSMQLWGSTSND
 GAFFITNISGTSMGRYSCCYHPDWTSSIKIQPSNTLELLVTGLLPKPSLLAQPGPMVA
 PGENMTLQCQGELPDSTFVLLKEGAQEPLQQRPSGYRADFWMPAVRGEDSGIYS
 CVYYLDSTPFAASNHSDSLEIWVTDKPPKPSLSAWPSTMFKLGKDITLQCRGPLPGV
 EFVLEHDGEEAPQQFSEDGDFVINNVEGKGIGNYSCSYRLQAYPDIWSEPSDPLELV
 GAAGPVAQECTVGNIVRSSLIVVVVALGVVLAIEWKKWPRLRTRGSETDGRDQTIA
 LEECNQEGEPGTPANSPSSTSQRISVELPVI

Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.

Purity

Greater than 90% as determined by SDS-PAGE.

Notes

Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage

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

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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GENE INFORMATION

Gene Name	IGSF1
Synonyms	IGSF1; IGDC1; KIAA0364; PGSF2; Immunoglobulin superfamily member 1; IgSF1; Immunoglobulin-like domain-containing protein 1; Inhibin-binding protein; InhBP; Pituitary gland-specific factor 2; p120
UniProt ID	Q8N6C5

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