

Recombinant Full Length Rat T-Cell Immunomodulatory Protein(Itfg1) Protein, His-Tagged

Cat. No. RFL34344RF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat T-cell immunomodulatory protein(Itfg1) Protein (Q8R4E1) (33-610aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (33-610)
Form	Lyophilized powder
AA Sequence	LHNVTAEELFGGEAWGTAAFGDLNSDKQTDLFVLRERNDLIVFLADQSAPYFKPKVK VSL KNFSALVTSVVPGDYDGDSQMDVLLTYFPQNHSNNELGAVIFWGQNQTLDPK NMTILNRT FHDQPLIMDFNGDLIPDVFAITNESSQPQILLGGDLSWHPALTTKSKMRD PHSRAFIDLT EDFTADLFLTTLSASNTFQFEIWENLGGNFSIRSVFEKPKNLVVVGQS AFADFDGDGHMD HLLPGCEDKDCQKSAIYLMRSGTGQWAPVLQDSSNKGTLWGF VPFVHEERPTAIPVPLTL HIGDYNMDGYPDALAILKNTSGSNQQAFLLENVPCNNAS CEEVHRMFKVYWDLAGLNLIK DAMVATFFDIYEDGTLDIIVLSKGYTKSDVAIH TLKN NFEADAYFVKVIVLSGLCSDCP RKITPFGVNQPGPYIMYTTVDANGYLKNGSAGQL SQSAHLALQLPYNVGLGRSANFLDH LFGVIGRPSGEKSIRKQEWTAIIPNSQLMVIP YPHSVPRSWSAKLYLTPSNIVLLTAVAL TGVCVFILAIILHWQEKKADDREKRQEA HRFHFDAM
Purity	Greater than 90% as determined by SDS-PAGE.

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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 mutiple 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.
GENE INFORMATION	
Gene Name	Itfg1
Synonyms	Itfg1; Cda08; Lnkn-1; Tip; T-cell immunomodulatory protein; Protein TIP; CDA08-like protein; Integrin-alpha FG-GAP repeat-containing protein 1; Linkin
UniProt ID	Q8R4E1

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