

Recombinant Human MTIF3 Protein (1-278 aa), GST-tagged

Cat. No. MTIF3-2150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTIF3 Protein (1-278 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Neuroscience. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-278 aa
Description	IF-3 binds to the 28S ribosomal subunit and shifts the equilibrium between 55S ribosomes and their 39S and 28S subunits in favor of the free subunits, thus enhancing the availability of 28S subunits on which protein synthesis initiation begins.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	55.2 kDa
AA Sequence	TAPAQLSPIASAPRLSFLIHAKAFSTAEDTQNEGKKTKKNKTAFSNVGRKISQRVIHLF DEKGNDLGNMHRANVIRLMDERDLRLVQRNTSTEPAEYQLMTGLQILQERQRLREM EKANPKTGPTLRKELILSSNIGQHDLDTKTKQIQQWIKKKHLVQITIKKGKNVDVSENE MEEIFHQILQTMPGIATFSSRPQAVQGGKALMCVLRAFSKNEEKAYKETQETQERDT LNKDHGNDKESNVLHQ
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

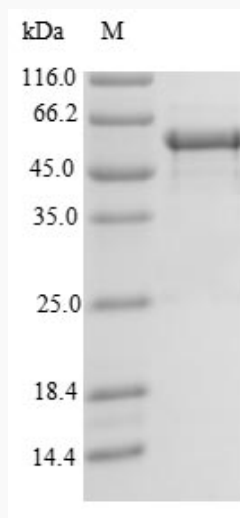
GENE INFORMATION

Gene Name	MTIF3 mitochondrial translational initiation factor 3 [Homo sapiens]
Official Symbol	MTIF3
Synonyms	MTIF3; IF 3mt; IF3(mt); IF-3(Mt); IF3mt; FLJ33676;
Gene ID	219402
mRNA Refseq	NM_001166261
Protein Refseq	NP_001159733
UniProt ID	Q9H2K0

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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