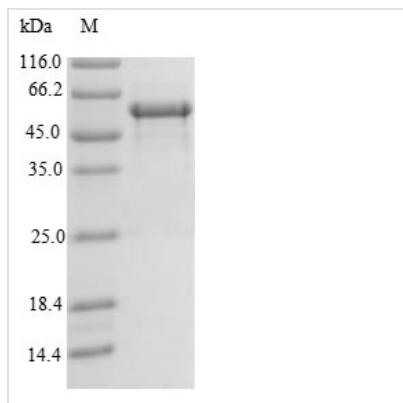




# Recombinant Human Translation initiation factor IF-3, mitochondrial (MTIF3)

<b>Product Code</b>	CSB-EP862000HU
<b>Relevance</b>	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.
<b>Abbreviation</b>	MTIF3
<b>Storage</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9H2K0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	TAPAQLSPIASAPRLSFLIHAKAFSTAEDTQNEGKKTCKNKTAFSNVGRKISQR VIHLFDEKGNLGNMHRANVIRLMDERDLRLVQRNTSTEPAEYQLMTGLQILQ ERQRLREMEKANPKTGPTLRKELILSSNIGQHDLDTKTKQIQQWIKKKHLVQITI KKGKNVDVSENEEMEEIFHQILQTMPGIATFSSRPQAVQGGKALMCVLRAFSKN EEKAYKETQETQERDTLNKDHGNDKESNVLHQ
<b>Lead Time</b>	Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Gene Names</b>	MTIF3
<b>Protein Names</b>	Recommended name: Translation initiation factor IF-3, mitochondrial Short name= IF-3(Mt) Short name= IF-3Mt Short name= IF3(mt) Short name= IF3mt
<b>Expression Region</b>	1-278aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged
<b>Mol. Weight</b>	55.2kDa
<b>Protein Description</b>	Full Length
<b>Image</b>	



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

## 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.