

Recombinant Mouse Etf1 Protein, Myc/DDK-tagged

Cat. No. Etf1-2878M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length eukaryotic translation termination factor 1 (Etf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Directs the termination of nascent peptide synthesis (translation) in response to the termination codons UAA, UAG and UGA. Component of the transient SURF complex which recruits UPF1 to stalled ribosomes in the context of nonsense-mediated decay (NMD) of mRNAs containing premature stop codons.
Molecular Mass	49.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Etf1 eukaryotic translation termination factor 1 [Mus musculus (house mouse)]
Official Symbol	Etf1
Synonyms	ETF1; eukaryotic translation termination factor 1; eukaryotic peptide chain release factor subunit 1; eukaryotic release factor 1; ERF; ERF1; TB3-1; SUP45L1; AI463371; D6Ertd109e; MGC18745
Gene ID	225363
mRNA Refseq	NM_144866
Protein Refseq	NP_659115
UniProt ID	Q8BWY3

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