

Recombinant Human EEFSEC Protein, GST-tagged

Cat. No. EEFSEC-3077H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EEFSEC full-length ORF (ABM87586.1, 1 a.a. - 569 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	EEFSEC (Eukaryotic Elongation Factor, Selenocysteine-TRNA Specific) is a Protein Coding gene. Among its related pathways are Selenium Metabolism and Selenoproteins and Viral mRNA Translation. GO annotations related to this gene include GTP binding and tRNA binding. An important paralog of this gene is TUFM.
Molecular Mass	88.99 kDa
AA Sequence	MASCSTAAFDKQPQSRERGITLDLGFSCFSVPLPARLRSSLPEFQAAPEAEPEPGEP LLQVTLVDCPGHASLIRTIIGGAQIIDLMMMLVIDVTKGMQTQSAECLVIGQIACQKLVVV LNKIDLLPEGKRQAAIDKMTKKMQKTLENTKFRGAPIIPVAAKPGGPEAPETEAPQGI PELIELLSQISIPTRDPSGPFLMSVDHCFSIKGQGTVMGTILSGSISLGDSVEIPALK VVKVKVSMQMFMHPITSAMQGDRLGICVTQFDPKLLERGLVCAPESLHTVHAALISV EKIPYFRGPLQTKAKFHITVGHETVMGRMLFFSPAPDNFDQEPILDSFNFSQEYLFQ EQYLSKDLTPAVTDNDEADKKAGQATEGHCPRQQWALVEFEKPVTCPRCLLVIGSR LDADIHTNTCRLAFHIGILLHGLEDRNYADSFLPRLKVYKLKHKHGLVERAMDDYSVIG RSLFKKETNIQLFVGLKVHLSTGELGIIDSAFGQSGKFKIHIPGGLSPESKKILTPALKK RARAGRGEATRQEESAERSEPSQHVVLSTFKRYVFDTHKRMVQSP

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	EEFSEC eukaryotic elongation factor, selenocysteine-tRNA-specific [Homo sapiens]
Official Symbol	EEFSEC
Synonyms	EEFSEC; eukaryotic elongation factor, selenocysteine-tRNA-specific; selenocysteine-specific elongation factor; EFSEC; elongation factor for selenoprotein translation; SELB; elongation factor sec;
Gene ID	60678
mRNA Refseq	NM_021937
Protein Refseq	NP_068756
MIM	607695
UniProt ID	P57772

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