

Recombinant Full Length Human EEF1A2 Protein, GST-tagged

Cat. No. EEF1A2-4206HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EEF1A2 full-length ORF (NP_001949.1, 1 a.a. - 463 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	463 amino acids
Description	This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer. [provided by RefSeq, Mar 2014]
Molecular Mass	76.9 kDa
AA Sequence	MGKEKTHINIVVIGHVDSGKSTTTGHLIYKCGGIDKRTIEKFEKEAAEMGKGSFKYAW VLDKLKAERERGITIDISLWKFETTKYYITIIDAPGHRDFIKNMITGTSQADCAVLIVAAG VGEFEAGISKNGQTRHALLAYTLGVKQLIVGVNKM DSTEPAYSEKRYDEIVKEVSA YIKKIGYNPATVPFVPISGWHGDNMLEPSNMPWFKGWKVERKEGNASGVSLLEAL DTILPPTRPTDKPLRLPLQDVYKIGGIGTVPVGRVETGILRPGMVVTFAPVNITTEVKS VEMHHEALSEALPGDNVGFNVKNVSVKDIRRGNVCGDSKSDPPQEAAQFTSQVIL NHPGQISAGYSPVIDCHTAHIACKFAELKEKIDRRSGKKLEDNPKSLKSGDAAIVEMV

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	PGKPMCVESFSQYPPLGRFAVRDMRQTVAVGVKNVEKKSGGAGKVTKSAQKAQK AGK
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	EEF1A2 eukaryotic translation elongation factor 1 alpha 2 [Homo sapiens]
Official Symbol	EEF1A2
Synonyms	EEF1A2; eukaryotic translation elongation factor 1 alpha 2; statin , statin like , STN, STNL; elongation factor 1-alpha 2; EEF1AL; HS1; eEF1A-2; statin S1; statin-S1; elongation factor-1 alpha; eukaryotic elongation factor 1 A-2; STN; EF1A; STNL; EF-1-alpha-2; FLJ41696;
Gene ID	1917
mRNA Refseq	NM_001958
Protein Refseq	NP_001949

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MIM	602959
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UniProt ID	Q05639
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