

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 VLDKKAERERGITIDISLWKFETTKYYITIIDAPGHRDFIKNMITGTSQADCAVLIVAAG VGEFEAGISKNGQTRHALLAYTLGVKQLVGVNKMDSTEPAYSEKRYDEIVKEVSA YIKKIGYNPATVPFVPISGWHGDNMLEPSPNMPWFKGWKVERKEGNASGVSLLLEAL DTILPPTRPTDKPLRLPLQDVYKIGGIGTVPVGRVETGILRPGMVVTFAPVNITTEVKS VEMHHEALSEALPGDNVGFNVKNVSVKDIRRGVCGDSKSDPPQEAQFTSQVIL NHPGQISAGYSPVIDCHTAHIACKFAELKEKIDRRSGKKLEDNPKSLKSGDAAIVEMV

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PGKPMCVESFSQYPPLGRFAVRDMRQTVAVGVIKNVEKKSSGGAGKVTKSAQKAQK
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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