

Recombinant Human EEF1A2, T7-tagged

Cat. No. EEF1A2-3061H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EEF1A2 (1-463 aa) is expressed in <i>E. coli</i> with a T7 tag at N-terminus.
Species	Human
Source	E.coli
Protein Length	1-463 a.a.
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.
MW	50470 Da.
Purity	90%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ .
Application	MS. SDS.

GENE INFORMATION

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Gene Name	EEF1A2 eukaryotic translation elongation factor 1 alpha 2 [Homo sapiens]
Synonyms	EEF1A2; eukaryotic translation elongation factor 1 alpha 2; OTTHUMP00000031776; eEF1A-2; elongation factor 1-alpha 2; elongation factor-1 alpha; eukaryotic elongation factor 1 A-2; statin S1; statin-S1; statin-like; HS1; STN; EF1A; STNL; EEF1AL; FLJ41696; EF-1-alpha-2
Gene ID	1917
mRNA Refseq	NM_001958
Protein Refseq	NP_001949
MIM	602959
UniProt ID	Q05639
Chromosome Location	20q13.3
Function	GTP binding; GTPase activity; nucleotide binding; translation elongation factor activity; translation factor activity, nucleic acid binding