

## Recombinant Human EEF1A2, T7-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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<b>Gene Name</b>	EEF1A2 eukaryotic translation elongation factor 1 alpha 2 [ Homo sapiens ]
<b>Synonyms</b>	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
<b>Gene ID</b>	1917
<b>mRNA Refseq</b>	NM_001958
<b>Protein Refseq</b>	NP_001949
<b>MIM</b>	602959
<b>UniProt ID</b>	Q05639
<b>Chromosome Location</b>	20q13.3
<b>Function</b>	GTP binding; GTPase activity; nucleotide binding; translation elongation factor activity; translation factor activity, nucleic acid binding

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