



# Recombinant Protein Technical Manual

## Recombinant Human EIF5A2 Protein (His Tag)

RPES3421

### Product Data:

**Product SKU:** RPES3421

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** Q9GZV4

### Protein Information:

**Molecular Mass:** 18.9 kDa

**AP Molecular Mass:** 22 kDa

**Tag:** N-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Eukaryotic translation initiation factor 5A-2; Eukaryotic initiation factor 5A isoform 2; EIF5A2

## Immunogen Information:

**Sequence:** Met 1-Lys153

## Background:

EIF5A2 is a member of the eIF-5A family. It is a 153 amino acids protein that in humans is encoded by the EIF5A2 gene. EIF5A2 is expressed in ovarian and colorectal cancer cell lines and highly expressed in testis. It has an important function at the level of mRNA turnover and mediates effects of polyamines on neuronal process extension and survival. It plays an important role in brain development and function, and in skeletal muscle stem cell differentiation.