

## eIF2alpha/EIF2S1 Protein, Human, Recombinant (His)

### General Information

|                       |   |
|-----------------------|---|
| Protein Construction: | Recombinant full length human EIF2S1 was expressed in E. coli cells using a N-terminal His tag. |
| Species:              | Human   |
| Expression Host:      | E. coli   |
| Accession:            | P05198  |
| Molecular Weight:     | ~40 kDa   |

### QC Testing

|                      |  |
|----------------------|--|
| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it.                                      |
| Purity:              | >70% as determined by SDS-PAGE.  |
| Formulation:         | Supplied as sterile 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 150 mM imidazole, 0.1 mM PMSF, 0.25 mM DTT, 25% glycerol. |

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Enzymes are highly recommended to be shipped at frozen temperature with dry ice. Shipment made at ambient temperature may seriously affect the activity of the ordered products.

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