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EIF2S1 Protein (AA 1-315) (His tag)



Go to Product page

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|--------|-----|-----|-----|
| | N/P | r\/ | i⊢₩ |

Specificity:

Purity:

Characteristics:

| Quantity: | 1 mg | | |
|-------------------------------|--|--|--|
| Target: | EIF2S1 | | |
| Protein Characteristics: | AA 1-315 | | |
| Origin: | Orang-Utan | | |
| Source: | Yeast | | |
| Protein Type: | Recombinant | | |
| Purification tag / Conjugate: | This EIF2S1 protein is labelled with His tag. | | |
| Application: | ELISA | | |
| Product Details | | | |
| Sequence: | MPGLSCRFYQ HKFPEVEDVV MVNVRSIAEM GAYVSLLEYN NIEGMILLSE LSRRRIRSIN KLIRIGRNER VVVIRVDKEK GYIDLSKRRV SPEEAIKCED KFTKSKTVYS ILRHVAEVLE YTKDEQLESL FQRTAWVFDD KYKRPGYGAY DAFKHAVSDP SILDSLDLNE DEREVLINNI NRRLTPQAVK IRADIEVACY GYEGIDAVKE ALRAGLNCST ENMPIKINLI APPRYVMTTT TLERTEGLSV LSQAMAVIKE KIEEKRGVFN VQMEPKVVTD TDETELARQM ERLERENAEV DGDDDAEEME AKAED | | |

Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

cells or by baculovirus infection. Be aware about differences in price and lead time.

Pongo abelii (Sumatran orangutan)

> 90 %

Target Details

| Target: | EIF2S1 | |
|-------------|---|--|
| Abstract: | EIF2S1 Products | |
| Background: | Recommended name: Eukaryotic translation initiation factor 2 subunit 1. | |
| | Alternative name(s): Eukaryotic translation initiation factor 2 subunit alpha. | |
| | Short name= eIF-2-alpha. | |
| | Short name= eIF-2A. | |
| | Short name= eIF-2alpha | |
| UniProt: | Q5R493 | |
| Pathways: | Ribonucleoprotein Complex Subunit Organization, ER-Nucleus Signaling, Hepatitis C | |

Application Details

Comment:

The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions:

For Research Use only

Handling

| Format: | Lyophilized | |
|------------------|---|--|
| Concentration: | 0.2-2 mg/mL | |
| Buffer: | Tris-based buffer, 50 % glycerol | |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week | |
| Storage: | -20 °C | |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. | |