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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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EIF2S1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001965-T03

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

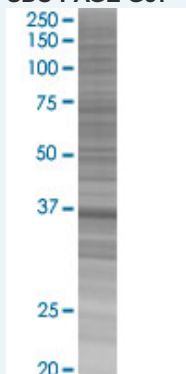
Plasmid: pCMV-EIF2S1 full-length

Host: Human

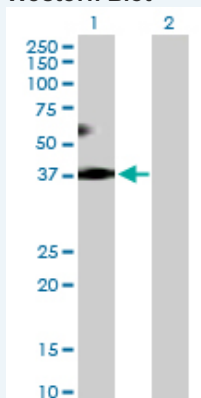
Theoretical MW (kDa): 36.1

Quality Control Testing: Transient overexpression cell lysate was tested with Anti-EIF2S1 antibody ([H00001965-D01P](#)) by Western Blots.

SDS-PAGE Gel



Western Blot



Lane 1: EIF2S1 transfected lysate (36.10 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [1965](#)

GeneBank Accession#: [NM_004094](#)

Protein Accession#: [NP_004085.1](#)

Gene Name: EIF2S1

Gene Alias: EIF-2, EIF-2A, EIF-2alpha, EIF2, EIF2A

Gene Description: eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa

Omim ID: [603907](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The translation initiation factor eIF2 catalyzes the first regulated step of protein synthesis initiation, promoting the binding of the initiator tRNA to 40S ribosomal subunits. Binding occurs as a ternary complex of methionyl-tRNA, eIF2, and GTP. eIF2 is composed of 3 nonidentical subunits, alpha (36 kD), beta (38 kD, MIM 603908), and gamma (52 kD, MIM 300161). The rate of formation of the ternary complex is modulated by the phosphorylation state of eIF2-alpha (Ernst et al., 1987 [PubMed 2948954]).[supplied by OMIM

Other Designations: eIF-2-alpha, eukaryotic translation initiation factor 2, subunit 1 (alpha, 35kD)

Related Disease

[Hepatitis B](#) [Hepatitis B, Chronic](#)

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