

Recombinant Human EIF2B4 293 Cell Lysate

Cat. No. EIF2B4-6670HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa (EIF2B4), transcript variant 3 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

EIF2B4?eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa [Homo sapiens?(human)]

Official Symbol

EIF2B4

Synonyms

EIF2B4; eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa; EIF2B; EIF-2B; EIF2Bdelta; translation initiation factor eIF-2B subunit delta; eIF-2B GDP-GTP exchange factor subunit delta; translation initiation factor eIF-2b delta subunit; eukaryotic translation initiation factor 2B subunit 4 delta

Gene ID

8890

mRNA Refseq

NM_015636

Protein Refseq

NP_056451

MIM

606687

UniProt ID

Q9UI10

Chromosome Location

2p23.3

Pathway

Cap-dependent Translation Initiation, organism-specific biosystem; Gene Expression, organism-specific biosystem; RNA transport, organism-specific biosystem

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Function

NOT S-methyl-5-thioribose-1-phosphate isomerase activity; contributes_to guanyl-nucleotide exchange factor activity; protein binding; translation initiation factor binding

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