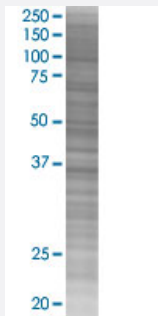


EIF2B2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008892-T02

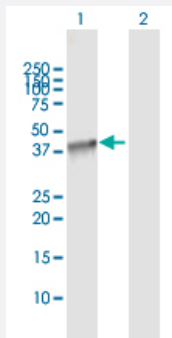
Size 100 uL

Applications



SDS-PAGE Gel

EIF2B2 transfected lysate.



Western Blot

Lane 1: EIF2B2 transfected lysate (39.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-EIF2B2 full-length
Host	Human
Theoretical MW (kDa)	39
Interspecies Antigen Sequence	Mouse (94); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-EIF2B2 antibody ([H00008892-D01](#)) by Western Blots.
SDS-PAGE Gel
EIF2B2 transfected lysate.
Western Blot
Lane 1: EIF2B2 transfected lysate (39.00 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.

Applications

- Western Blot

Gene Info — EIF2B2

Entrez GeneID

[8892](#)

GeneBank Accession#

[NM_014239.2](#)

Protein Accession#

[NP_055054.1](#)

Gene Name

EIF2B2

Gene Alias

EIF-2Bbeta, EIF2B

Gene Description

eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa

Omim ID

[603896 606454](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Eukaryotic initiation factor-2B (EIF2B) is a GTP exchange protein essential for protein synthesis. It consists of alpha (EIF2B1; MIM 606686), beta (EIF2B2), gamma (EIF2B3; MIM 606273), delta (EIF2B4; MIM 606687), and epsilon (EIF2B5; MIM 603945) subunits. EIF2B activates its EIF2 (see MIM 603907) substrate by exchanging EIF2-bound GDP for GTP.[supplied by OMIM]

Other Designations

eukaryotic translation initiation factor 2B, subunit 2 (beta, 39kD)

Disease

- [Brain Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)