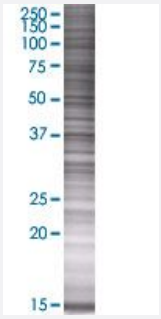
EIF2B2 293T Cell Transient Overexpression Lysate(Denatured)

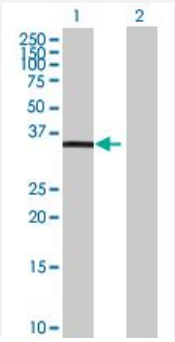
Catalog # H00008892-T01 Size 100 uL

Applications



SDS-PAGE Gel

EIF2B2 transfected lysate.



Western Blot

Lane 1: EIF2B2 transfected lysate (38.72 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-EIF2B2 full-length
Host	Human
Theoretical MW (kDa)	38.72
Interspecies Antigen Sequence	Mouse (94); Rat (93)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-EIF2B2 antibody (H00008892-B01) by Western Blots. SDS-PAGE Gel EIF2B2 transfected lysate. Western Blot Lane 1: EIF2B2 transfected lysate (38.72 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