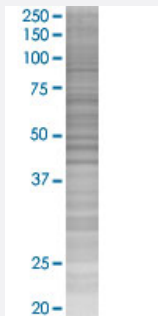


EIF2AK1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00027102-T02

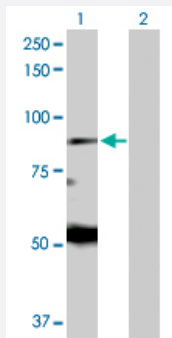
Size 100 uL

Applications



SDS-PAGE Gel

EIF2AK1 transfected lysate.



Western Blot

Lane 1: EIF2AK1 transfected lysate (71.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-EIF2AK1 full-length
Host	Human
Theoretical MW (kDa)	71.1
Interspecies Antigen Sequence	Mouse (82); Rat (82)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-EIF2AK1 antibody ([H00027102-D01P](#)) by Western Blots.
SDS-PAGE Gel
EIF2AK1 transfected lysate.
Western Blot
Lane 1: EIF2AK1 transfected lysate (71.10 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.

Applications

- Western Blot

Gene Info — EIF2AK1

Entrez GeneID[27102](#)**GeneBank Accession#**[NM_014413.2](#)**Protein Accession#**[NP_055228.2](#)**Gene Name**

EIF2AK1

Gene Alias

HCR, HRI, KIAA1369

Gene Description

eukaryotic translation initiation factor 2-alpha kinase 1

Gene Ontology[Hyperlink](#)**Gene Summary**

The protein encoded by this gene acts at the level of translation initiation to downregulate protein synthesis in response to stress. The encoded protein is a kinase that can be inactivated by hemin . Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

heme regulated initiation factor 2 alpha kinase|heme sensitive initiation factor 2a kinase|heme-regulated inhibitor|heme-regulated initiation factor 2-alpha kinase|heme-regulated repressor

Disease

- [Cerebral Hemorrhage](#)

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Failure](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)