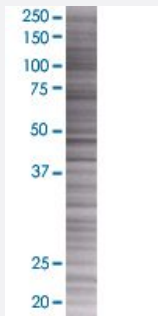


EFNA2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001943-T01

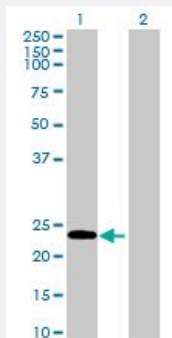
Size 100 uL

Applications



SDS-PAGE Gel

EFNA2 transfected lysate.



Western Blot

Lane 1: EFNA2 transfected lysate (23.43 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-EFNA2 full-length
Host	Human
Theoretical MW (kDa)	23.43
Interspecies Antigen Sequence	Mouse (91); Rat (91)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-EFNA2 antibody ([H00001943-B01](#)) by Western Blots.
SDS-PAGE Gel
EFNA2 transfected lysate.
Western Blot
Lane 1: EFNA2 transfected lysate (23.43 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 — EFNA2

Entrez GeneID

[1943](#)

GeneBank Accession#

[BC148727](#)

Protein Accession#

[AA48728.1](#)

Gene Name

EFNA2

Gene Alias

ELF-1, EPLG6, HEK7-L, LERK6

Gene Description

ephrin-A2

Omim ID

[602756](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the ephrin family. The protein is composed of a signal sequence, a receptor-binding region, a spacer region, and a hydrophobic region. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. Posttranslational modifications determine whether this protein localizes to the nucleus or the cytoplasm. [provided by RefSeq]

Other Designations

HEK7-ligand|eph-related receptor tyrosine kinase ligand 6|ligand of eph-related kinase 6

Pathway

- [Axon guidance](#)