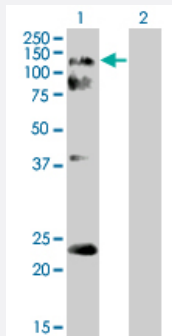


# EPHA2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001969-T01

Size 100 uL

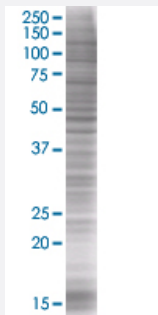
## Applications



### Western Blot

Lane 1: EPHA2 transfected lysate ( 107.36 KDa)

Lane 2: Non-transfected lysate.



### SDS-PAGE Gel

EPHA2 transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-EPHA2 full-length
Host	Human
Theoretical MW (kDa)	107.47
Interspecies Antigen Sequence	Mouse (92); Rat (92)

#### Quality Control Testing

Transient overexpression cell lysate was tested with Anti-EPHA2 antibody ([H00001969-B01](#)) by Western Blots.

Western Blot

Lane 1: EPHA2 transfected lysate ( 107.36 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel

EPHA2 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 — EPHA2

#### Entrez GeneID

[1969](#)

#### GeneBank Accession#

[BC037166](#)

#### Protein Accession#

[AAH37166](#)

#### Gene Name

EPHA2

#### Gene Alias

ECK

#### Gene Description

EPH receptor A2

#### Omim ID

[176946](#)

#### Gene Ontology

[Hyperlink](#)

#### Gene Summary

This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. [provided by RefSeq]

#### Other Designations

ephrin receptor EphA2|epithelial cell receptor protein tyrosine kinase|protein tyrosine kinase|receptor protein tyrosine kinase regulated by p53 and E2F-1|soluble EPHA2 variant 1

## Pathway

- [Axon guidance](#)

## Disease

- [Cataract](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)