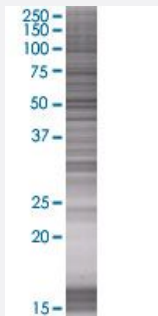


ECGF1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001890-T01

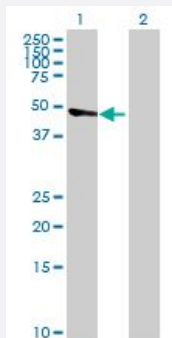
Size 100 uL

Applications



SDS-PAGE Gel

ECGF1 transfected lysate.



Western Blot

Lane 1: ECGF1 transfected lysate (50 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ECGF1 full-length
Host	Human
Theoretical MW (kDa)	50
Interspecies Antigen Sequence	Mouse (82); Rat (84)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ECGF1 antibody ([H00001890-B01](#)) by Western Blots.
SDS-PAGE Gel
ECGF1 transfected lysate.
Western Blot
Lane 1: ECGF1 transfected lysate (50 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 — TYMP

Entrez GeneID

[1890](#)

GeneBank Accession#

[BC052211](#)

Protein Accession#

[AAH52211](#)

Gene Name

TYMP

Gene Alias

ECGF1, MNGIE, PDECGF, TP, hPD-ECGF

Gene Description

thymidine phosphorylase

Omim ID

[131222 603041](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes an angiogenic factor which promotes angiogenesis in vivo and stimulates the in vitro growth of a variety of endothelial cells. It has a highly restricted target cell specificity acting only on endothelial cells. Mutations in this gene have been associated with mitochondrial neurogastrointestinal encephalomyopathy. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations

OTTHUMP00000196768|OTTHUMP00000196769|endothelial cell growth factor 1 (platelet-derived)|gliostatin

Pathway

- [Bladder cancer](#)
- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Deafness](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Intestinal Pseudo-Obstruction](#)
- [Mitochondrial Diseases](#)
- [Mitochondrial Encephalomyopathies](#)
- [Pancreatitis](#)
- [Recurrence](#)
- [Syndrome](#)