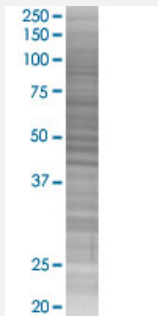


HEY1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023462-T06

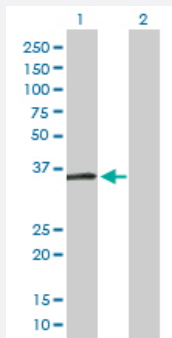
Size 100 uL

Applications



SDS-PAGE Gel

HEY1 transfected lysate.



Western Blot

Lane 1: HEY1 transfected lysate (32.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HEY1 full-length
Host	Human
Theoretical MW (kDa)	32.6
Interspecies Antigen Sequence	Mouse (94); Rat (87)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HEY1 antibody ([H00023462-B02](#)) by Western Blots.
SDS-PAGE Gel
HEY1 transfected lysate.
Western Blot
Lane 1: HEY1 transfected lysate (32.60 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 — HEY1

Entrez GeneID[23462](#)**GeneBank Accession#**[NM_012258.3](#)**Protein Accession#**[NP_036390.3](#)**Gene Name**

HEY1

Gene Alias

BHLHb31, CHF2, HERP2, HESR1, HRT-1, MGC1274, OAF1

Gene Description

hairy/enhancer-of-split related with YRPW motif 1

Omim ID[602953](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a nuclear protein belonging to the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcriptional repressors. Expression of this gene is induced by the Notch and c-Jun signal transduction pathways. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations

HES-related repressor protein 2|basic helix-loop-helix protein OAF1|cardiovascular helix-loop-helix factor 2|hairy-related transcription factor 1