

Recombinant Human HES6 293 Cell Lysate

Cat. No. HES6-5580HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for hairy and enhancer of split 6 (Drosophila) (HES6), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	HES6 hairy and enhancer of split 6 (Drosophila) [Homo sapiens]
Official Symbol	HES6
Synonyms	HES6; hairy and enhancer of split 6 (Drosophila); transcription cofactor HES-6; bHLHb41; C-HAIRY1; class B basic helix-loop-helix protein 41; HES-6; bHLHc23;
Gene ID	55502
mRNA Refseq	NM_001142853
Protein Refseq	NP_001136325
MIM	610331
UniProt ID	Q96HZ4
Chromosome Location	2q37.3
Pathway	Delta-Notch Signaling Pathway, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem;
Function	DNA binding; sequence-specific DNA binding transcription factor activity; transcription cofactor activity; transcription factor binding;

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