

Recombinant Human HESX1 293 Cell Lysate

Cat. No. HESX1-5579HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for HESX homeobox 1 (HESX1) 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.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	HESX1 HESX homeobox 1 [Homo sapiens]
Official Symbol	HESX1
Synonyms	HESX1; HESX homeobox 1; homeobox, ES cell expressed 1; homeobox expressed in ES cells 1; ANF; RPX; hAnf; homeobox protein ANF; Rathke pouch homeobox; CPHD5; MGC138294;
Gene ID	8820
mRNA Refseq	NM_003865
Protein Refseq	NP_003856
MIM	601802
UniProt ID	Q9UBX0
Chromosome Location	3p14.3
Function	DNA binding; chromatin binding; protein C-terminus binding; protein N-terminus binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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