

Recombinant Human HLTF 293 Cell Lysate

Cat. No. HLTF-5489HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for helicase-like transcription factor (HLTF), 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.

 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

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

HLTF helicase-like transcription factor [Homo sapiens]

Official Symbol

HLTF

Synonyms

HLTF; helicase-like transcription factor; SMARCA3, SNF2L3, SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 3; HIP116A; HLTF1; RNF80; SNF2-like 3; RING finger protein 80; sucrose nonfermenting-like 3; sucrose nonfermenting protein 2-like 3; DNA-binding protein/plasminogen activator inhibitor 1 regulator; DNA-binding protein/plasminogen activator inhibitor-1 regulator; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 3; ZBU1; HIP116; SNF2L3; SMARCA3;

Gene ID

6596

mRNA Refseq

NM_003071

Protein Refseq

NP_003062

MIM

603257

UniProt ID

Q14527

**Chromosome
Location**

3q25.1-q26.1

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Function

ATP binding; ATPase activity; DNA binding; helicase activity; hydrolase activity; hydrolase activity, acting on acid anhydrides, in phosphorus-containing anhydrides; ligase activity; metal ion binding; nucleotide binding; protein binding; zinc ion binding;

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