

Recombinant Human HLTF Protein (V58-A174), His tagged

Cat. No. HLTF-0512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-(GG)-HLTF(V58-A174) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	V58-A174
Description	Has both helicase and E3 ubiquitin ligase activities. Possesses intrinsic ATP-dependent nucleosome-remodeling activity; This activity may be required for transcriptional activation or repression of specific target promoters. These may include the SERPINE1 and HIV-1 promoters and the SV40 enhancer, to which this protein can bind directly. Plays a role in error-free postreplication repair (PRR) of damaged DNA and maintains genomic stability through acting as a ubiquitin ligase for 'Lys-63'-linked polyubiquitination of chromatin-bound PCNA.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.
GENE INFORMATION	
Gene Name	HLTF helicase-like transcription factor [Homo sapiens (human)]
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

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