

Datasheet for ABIN7554094
HLTF Protein (AA 1-1009) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HLTF
Protein Characteristics:	AA 1-1009
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HLTF protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HLTF Protein expressed in mammalian cells.
Sequence:	MSWMFKRDPV WKYLQTVQYG VHGNFPRLSY PTFPPRFEEQ DVIPPDDFLT SDEEVDSVLF GSLRGHVVGL RYYTGVVNNN EMVALQRDPN NPYDKNAIKV NNVNGNQVGH LKKELAGALA YIMDNKLAQI EGVVPPFGANN AFTMPLHMTF WGKEENRKAV SDQLKKHGFK LGPAPKTLGF NLESGWGSGR AGPSYSMPVH AAVQMTTEQL KTEFDKLFED LKEDDKTHEM EPAEAIETPL LPHQKQALAW MVSRENSKEL PPFWEQRNDL YYNTITNFSE KDRPENVHGG ILADDMGLGK TLTAIAVILT NFHDGRPLPI ERVKKNLLKK EYNVNDDSMK LGGNNTSEKA DGLSKDASRC SEQPSISDIK EKSKFRMSEL SSSRPKRRKT AVQYIESSDS EEIETSELPQ KMKGKLNKVVQ SETKGRKAG SSKVIEDVAF ACALTSSVPT TKKKMLKKA CAVEGSKKTD VEERPRTTLI ICPLSVLSNW IDQFGQHIKS DVHLNFVYYY GPDRIREPAL LSKQDIVLTT YNILTHDYGT KGDSPLHSIR WLRVILDEGH AIRNPNAQQT KAVLDLESER RWVLTGTPIQ NSLKDLWSSL SFLKLPFID REWWHRTIQR PVTMGDEGGL RRLQSLIKNI TLRRTKTSKI KGKPVLELPE RKVFIQHITL SDEERKIYQS VKNEGRATIG RYFNEGTVLA HYADVLGLLL RLRQICCHTY

Product Details

LLTNAVSSNG PSGNDTPEEL RKKLIRKMKL ILSSGSDEEC AICLDSLTVP VITHCAHVFC
KPCICQVIQN EQPHAKCPLC RNDIHEDNLL ECPPEELARD SEKKSDMWEWT SSSKINALMH
ALTDLRKKNP NIKSLVVSQF TTFLSLIEIP LKASGFVFTR LDGSMQKKR VESIQCFQNT
EAGSPTIMLL SLKAGGVGLN LSAASRVFLM DPAWNPAED QCFDRCHRLG QKQEVITKF
IVKDSVEENM LKIQNKREL AAGAFGTKKP NADEMKQAKI NEIRTLIDL **Sequence without tag.**

The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: HLTF

Alternative Name: HLTF ([HLTF Products](#))

Background: Helicase-like transcription factor (EC 2.3.2.27) (EC 3.6.4.-) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (HIP116) (RING finger protein 80) (RING-type E3 ubiquitin transferase HLTF) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin

Target Details

subfamily A member 3) (Sucrose nonfermenting protein 2-like 3),FUNCTION: 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 (By similarity). 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. {ECO:0000250, ECO:0000269|PubMed:10391891, ECO:0000269|PubMed:18316726, ECO:0000269|PubMed:18719106, ECO:0000269|PubMed:7876228, ECO:0000269|PubMed:8672239, ECO:0000269|PubMed:9126292}.

Molecular Weight: 113.9 kDa

UniProt: [Q14527](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months