

HLTF Protein, Human (His)

| | |
|--------------------------|---|
| Cat. No.: | HY-P701529 |
| Synonyms: | HLTF; Helicase-like transcription factor; 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 subfamily A member 3; Sucrose nonfermenting protein 2-like 3 |
| Species: | Human |
| Source: | E. coli |
| Accession: | Q14527 (V58-A174) |
| Gene ID: | 6596 |
| Molecular Weight: | |

PROPERTIES

| | |
|--------------------------------|--|
| Appearance | Solution. |
| Formulation | Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | Please use rapid thawing with running water to thaw the protein. |
| Storage & Stability | Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles. |
| Shipping | Shipping with dry ice. |

DESCRIPTION

| | |
|-------------------|--|
| Background | HLTF Protein exhibits both helicase and E3 ubiquitin ligase activities. With intrinsic ATP-dependent nucleosome-remodeling capabilities, it may be essential for the transcriptional modulation of specific target promoters such as SERPINE1, HIV-1, and SV40. Furthermore, HLTF plays a crucial role in error-free postreplication repair (PRR) of damaged DNA, contributing to genomic stability by acting as a ubiquitin ligase that catalyzes 'Lys-63'-linked polyubiquitination of chromatin-bound PCNA. These functions highlight its significance in maintaining the integrity of genomic processes and regulatory mechanisms. |
|-------------------|--|

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA