

Recombinant Human ASTE1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ASTE1-3840H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ASTE1 MS Standard C13 and N15-labeled recombinant protein (NP_054784) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	ASTE1 (Asteroid Homolog 1) is a Protein Coding gene. Diseases associated with ASTE1 include Oral Hairy Leukoplakia and Lynch Syndrome. Gene Ontology (GO) annotations related to this gene include nuclease activity.
Molecular Mass	77.1 kDa
AA Sequence	MGIRGLMSFVEDHSNEFFTDLKL RDTKIVIDGYALFHRLCFSSNLDLRYGGDYDSFA DVVQKFFESLFACNICPYVVL DGGCDISDKKLTTLKDRAREKIQMAHSLSVGGSGYV CPLLIREVFIQVLIKLRVCFVQCFSEADRDIMTLANHWNCPLVSSDSDFCIFDLKTGFC PLNSFQWRNMNTIKGTQNYIPAKCFSLDAFCHHFSNMNKALLPLFAVL CGNDHVN L PIMETFLSKARLPLGATSSKGRRHHRILGLLNWLSHFANPTEALDNVLKYL PKKDRE NVKELLCCSME EYQQSQVKLQDFFQCGTYVCPDALNLGLPEWVLVALAKGQLSPFI SDALVLRRTILPTQVENMQQPNAHRISQPIRQIIYGLLLNASPHLDKTSWNALPPQPL AFSEVERINKNIRTSIIDAVELAKDHSDLSRLTELSLRRRQMLLLET LKVKQTILEPIPTS LKLPIAVSCYWLQHTETKAKLHHLQSLLLTMLVGPLIAIINSPGKEELQEDGAKMLYAE FQRVKAQTRLGTRLDLDTAHIFCQWQSC LQMGMYNQLLSTPLPEPDLTRLYSGSL

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VHGLCQQLLASTSVESLLSICPEAKQLYEYLFNATRSYAPAEIFLPKGRSNSKKKRQK
KQNTSCSKNRGRRTTAHTKCWYEGNNRFGLLMVENLEEHSEASNIETRTRPLEQKLI
SEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ASTE1 asteroid homolog 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [ASTE1](#)

Synonyms ASTE1; asteroid homolog 1 (Drosophila); protein asteroid homolog 1; HT001; MGC129980;

Gene ID [28990](#)

mRNA Refseq [NM_014065](#)

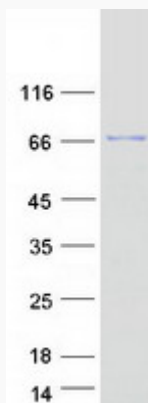
Protein Refseq [NP_054784](#)

UniProt ID [Q2TB18](#)

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SDS-PAGE

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