

Recombinant Human HECTD3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HECTD3-3024H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HECTD3 MS Standard C13 and N15-labeled recombinant protein (NP_078878) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene transfers ubiquitin from an E2 ubiquitin-conjugating enzyme to targeted substrates, leading to the degradation of those substrates. The encoded protein has been shown to transfer ubiquitin to TRIOBP to facilitate cell cycle progression, and to STX8.
Molecular Mass	97.6 kDa
AA Sequence	MAGPGPGAVLESPRQLLGRVRFLEAAARSLRAGRPLPAALAFVPREVLYKLYKDPA GPSRVLLPVWEAEGGLRVGAAGPAPGTGSGPLRAARDSIELRRGACVRTTGEELC NGHGLWVKLTKEQLAEHLGDCGLQEGWLLVCRPAEGGARLVPIIDTPNHLQRQQQL FGVDYRPVLRWEQVVDLTYSRLGSRPQPAEAYAEAVQRLLYPPTWTYECDEDLI HFLYDHLGKEDENLGSVKQYVESIDVSSYTEEFNVSCLTDSNADTYWESDGSQCQH WVRLTMKKGITIVKKLLLTVDTTDDNFMPKRVVVYGGEDNLKKLSDVSIDETLIGDV CVLEDMTVHLPPIIEIRIVECRDDGIDVRLRGVKKIKSSRQRELGLNADLFQPTSLVRYPR LEGTDPEVLYRRAVLLQRFIKILDSVLHHLVPAWDHTLGTGFSEIKQVKQFLLLSRQRP GLVAQCLRDSESSKPSFMPRLYINRRLAMEHRACPSRDPACKNAVFTQVYEGLKPS

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DKYEKPLDYRWPMRYDQWWECKFIAEGIIDQGGGFRDSLADMSEELCPSSADTPV
 PLPFFVRTANQGNGTGEARDMYVPNPSCRDFAKYEWIGQLMGAALRGKEFLVLALP
 GFVWKQLSGEEVSWSKDFPAVDSVLVKLLEVMEGMDKETFEFKFGKELTFTTVLSD
 QQVVELIPGGAGIVVGYGDRSRFIQLVQKARLEESKEQVAAMQAGLLKVVPQAVLDL
 LTWQELEKKVCGDPEVTVDALRKLTRFEDFEPSSDSRVQYFWEALNNFTNEDRSRFL
 RFVTGRSRLPARIYIYPDKLGYETTDALPESSTCSSTLFLPHYASAKVCEEKLRYYAY
 NCVAIDTDMSPWEETRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 HECTD3 HECT domain containing E3 ubiquitin protein ligase 3 [Homo sapiens (human)]

Official Symbol HECTD3

Synonyms HECTD3; HECT domain containing E3 ubiquitin protein ligase 3; HECT domain containing 3; E3 ubiquitin-protein ligase HECTD3; FLJ21156; HECT domain-containing protein 3; probable E3 ubiquitin-protein ligase HECTD3; RP11-69J16.1; FLJ31983; MGC161630;

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Gene ID	79654
mRNA Refseq	NM_024602
Protein Refseq	NP_078878
MIM	618638
UniProt ID	Q5T447
SDS-PAGE	