

Recombinant Full Length Human TTLL12 Protein, C-Flag-tagged

Cat. No. TTLL12-2007HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TTLL12 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables H4K20me3 modified histone binding activity and tubulin binding activity. Involved in negative regulation of type I interferon-mediated signaling pathway and regulation of mitotic cell cycle. Located in cytoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	74.2 kDa
AA Sequence	MEAERGPERRPAERSSPGQTPEEGAQALAEFAALHGPALRASGVPERYWGRLLHK LEHEVFDAGEVFGIM QVEEVEEEEDEAAREVRKQQPNPGNELCYKVIVTRESGLQA AHPNSIFLIDHAWTCRVEHARQQLQQVPG LLHRMANLMGIEFHGELPSTEAVALLV EEMWKFNQTYQLAHGTAEKMPVWYIMDEFGSRIQHADVPSFA TAPFFYMPQQVA YTLLWPLRLDLDTGEEVTRDFAYGETDPLIRKCM LLPWAPTDM LDLSSCTPEPPAEHY Q AILEENKEKLPLDINPVVHPHGHIFKVYTDVQQVASSLTHPRFTLTQSEADADILFN FSHFKDYRKLSQE RPGVLLNQFPCENLLTVKDCLASIARRAGGPEGPPWLPRTFNL RTEL PQFVSYFQQRERWGEDNHWICKP WNLARSLDTHVTKSLHSIIRHRESTPKVV SKYIESPVLFRLREDVGKVKFDIRYIVLLRSVRPLRLFVYDV FWLRFNRAFALNDLDD

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YEKHFTVMNYDPDVVLKQVHCEEFIPEFEKQYPEFPWTDVQAEIFRAFTLQ VAC
AKPPPLGLCDYPSSRAMYAVDLMLKWDNGPDGRRVMQPQILEVNFNPDCERACRY
HPTFFNDVFSTL FLDQPGGCHVTCLV TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	TTLL12 tubulin tyrosine ligase like 12 [Homo sapiens (human)]
Official Symbol	TTLL12
Synonyms	dJ526I14.2
Gene ID	23170
mRNA Refseq	NM_015140.4
Protein Refseq	NP_055955.1

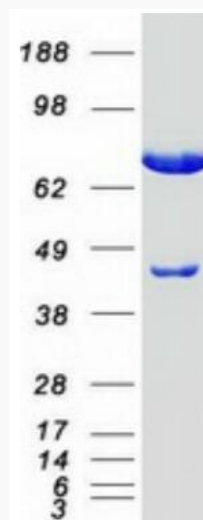
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MIM 619410

UniProt ID Q14166



Coomassie blue staining of purified TTLL12 protein.

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