

Recombinant Human TTLL4 Protein, his-tagged

Cat. No. TTLL4-3480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TTLL4 Protein (601-955 aa) is produced by E. coli-derived, PET28a expression system. This protein is fused with a His tag.
Species	Human
Source	E.coli
ProteinLength	601-955 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
Molecular Mass	41 kDa
AA Sequence	WEQRKLLRWKMSTVTPNIVKQTIGRSHFKISKRNDDWLGCWGHMHMKSPSFRSIREH QKLNHFPGSFQIGRKDRLWRNLSRMQSRFGKKEFSFFPQSFILPQDAKLLRKAWES SSRQKWIVKPPASARGIGIQVIHKWSQLPKRRPLLVQRYLHKPYLISGSKFDLRIYVY VTSYDPLRIYLFSDGLVRFASCKYSPSMKSLGNKFMHLTNYSVNKKNAEYQANADE MACQGHKWALKALWNYLSQKGVNSDSIWEEKIKDVVVKTIISSEPYVTSLLKMYVRRP YSCHELFGFDIMLDENLKPWWLEVNIISPSLHSSSPDISIKGQMIRDLLNLAGFVLPNA EDIISPSSSCSSS
Purity	> 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Notes	Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Stability	Store for up to 12 months at -20 centigrade to -80 centigrade as lyophilized powder.
Storage	Short-term storage: Store at 2-8 centigrade for (1-2 weeks). Long-term storage: Aliquot and store at -20 centigrade to -80 centigrade for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

GENE INFORMATION

Gene Name	TTLL4 tubulin tyrosine ligase-like family, member 4 [Homo sapiens]
Official Symbol	TTLL4
Synonyms	TTLL4; tubulin polyglutamylase TTLL4; tubulin tyrosine ligase-like family, member 4; tubulin--tyrosine ligase-like protein 4
Gene ID	9654

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mRNA Refseq	NM_014640.4
Protein Refseq	NP_055455.3
UniProt ID	Q14679

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