

Recombinant Human TLN2 protein, His-tagged

Cat. No. TLN2-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLN2 protein(1140-1313 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1140-1313 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	VAASTTDPAAAHAMLDSARDVMEGSAMLIQEAKQALIAPGDAERQQRLAQVAKAVS HSLNNCVNCPLPGQKDVDVALKSIGESSKLLVDSLPPSTKPFQEAQSELNQAAADLN QSAGEVVHATRGQSGELAAASGKFSDDFDEFLDAGIEMAGQAQTKEDQIQVIGNLK NISMA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	TLN2 talin 2 [Homo sapiens]
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Official Symbol	TLN2
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Synonyms	TLN2; talin 2; talin-2; ILWEQ; KIAA0320; DKFZp451B1011; DKFZp686I0976; DKFZp686K0979;
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Gene ID	83660
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mRNA Refseq	NM_015059
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Protein Refseq	NP_055874
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MIM	607349
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UniProt ID	Q9Y4G6
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