

Recombinant Human TLN2 Protein (88-406 aa), His-SUMO-tagged

Cat. No. TLN2-1171H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLN2 Protein (88-406 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	88-406 aa
Description	As a major component of focal adhesion plaques that links integrin to the actin cytoskeleton, may play an important role in cell adhesion. Recruits PIP5K1C to focal adhesion plaques and strongly activates its kinase activity.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	53.1 kDa
AA Sequence	RPQKIRMLDGSVKTVMVDDSKTVGELLVTICSRIGITNYEEYSLIQETIEEKKEEGTGT LKKDRTLRLDERKMEKLKAKLHTDDDLNWLHDHSRTFREQGV DENETLLLRKFFYS DQNVDSRDPVQLNLLYVQARDDILNGSHPVSF EKACEFGGFQAQIQFGPHVEHKHK PGFLDLKEFLPKEYIKQRGAEKRIFQEHNKCGEMSEIEAKVKYVKLARSLRTYGV SFF LVKEKMKGKNKLVPRLLGITKDSVMRVDEKTKEVLQEWPLTTVKRWAASPKSFTLD FGEYQESYYSVQTTEGEQISQLIAGYIDIILKKK

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

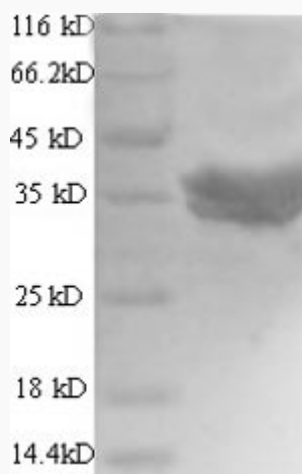
GENE INFORMATION

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

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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