

Native Turkey TLN1 Protein

Cat. No. TLN1-890T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Turkey TLN1 was purified from Turkey Smooth muscle.
Species	Turkey
Source	Turkey Smooth muscle
Description	Talin isolated from smooth muscle has a molecular mass of ~270kD. Talin consists of a 220kD rod containing actin, vinculin and integrin binding sites and an N-terminal 47kD head region with a FERM domain. The actin-binding multiligand protein Talin interacts e.g. with phospholipids, signaling molecules, and cytoskeletal components.
Form	0.1M KCl, 10mM imidazole pH 7.4, 2mM MgCl ₂ , 0.2mM DTT and 2% disaccharides, when reconstituted with 100µltrapure water to obtain a 1mg/ml solution.
Molecular Mass	~270kDa
Purity	~94% by scanning densitometry from Coomassie G-250 stained SDS-Gels.
Storage	Upon reconstitution the product is stored on ice. This product can also be stored as a glycerol stock at -20 centigrade. Avoid repeated freeze / thaw cycles.
Shipping	At ambient temperature. Upon delivery store at -70 centigrade.

GENE INFORMATION

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Gene Name	TLN1 talin 1 [Gallus gallus]
Official Symbol	TLN1
Synonyms	talin-1
Gene ID	395194
mRNA Refseq	NM_204523
Protein Refseq	NP_989854
UniProt ID	P54939

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