

Recombinant Mouse Utn Protein, His-tagged

Cat. No. Utn-542M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Utn Protein (Met1-Thr300) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Thr300
Description	Predicted to enable cytoskeletal protein binding activity; integrin binding activity; and protein kinase binding activity. Predicted to be involved in actin cytoskeleton organization; neuromuscular junction development; and positive regulation of cell-matrix adhesion. Predicted to act upstream of or within adult somatic muscle development. Located in neuromuscular junction and sarcolemma. Part of dystrophin-associated glycoprotein complex. Is expressed in several structures, including alimentary system; central nervous system; digit mesenchyme; genitourinary system; and nasal epithelium. Orthologous to human UTRN (utrophin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.12 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	Utrn utrophin [Mus musculus (house mouse)]
Official Symbol	Utrn
Synonyms	UTRN; utrophin; G-utrophin; DRP; Dmdl; AA589569
Gene ID	22288
mRNA Refseq	NM_011682
Protein Refseq	NP_035812
UniProt ID	O08614

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