Recombinant Mouse Tnrc6a protein, His & T7-tagged

Cat. No. Tnrc6a-8081M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnrc6a aa. (Thr1605~Met1896 (Accession # Q3UHK8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Thr1605~Met1896
Description	This gene encodes a member of the trinucleotide repeat containing 6 protein family. The protein is highly similar to a human protein that functions in post-transcriptional gene silencing through the RNA interference (RNAi) and microRNA pathways. The human protein associates with messenger RNAs and argonaute proteins in cytoplasmic bodies known as GW-bodies or P-bodies, and inhibiting its expression delocalizes other GW-body proteins and impairs RNAi and microRNA-induced gene silencing.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

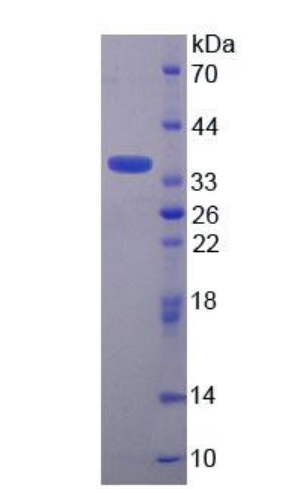
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Characteristic	The isoelectric point is 8.4.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	Tnrc6a trinucleotide repeat containing 6a [Mus musculus (house mouse)]
Official Symbol	Tnrc6a
Synonyms	GW182; Tnrc6; CAGH26; AW557223; 2010321I05Rik; 3110054G10Rik; D130023A07Rik; GW182 autoantigen; trinucleotide repeat-containing gene 6A protein
Gene ID	233833

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq	NM_144925.3
Protein Refseq	NP_659174.3
UniProt ID	Q3UHK8
SDS-PAGE	 15% SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA