

Recombinant Human TNRC6A protein, His & T7-tagged

Cat. No. TNRC6A-8080H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNRC6A aa. (Thr1670~Met1962 (Accession # Q8NDV7)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr1670~Met1962
Description	This gene encodes a member of the trinucleotide repeat containing 6 protein family. The protein functions in post-transcriptional gene silencing through the RNA interference (RNAi) and microRNA pathways. The protein associates with messenger RNAs and Argonaute proteins in cytoplasmic bodies known as GW-bodies or P-bodies. Inhibiting expression of this gene delocalizes other GW-body proteins and impairs RNAi and microRNA-induced gene silencing.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.4.

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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 ddH ₂ O.
GENE INFORMATION	
Gene Name	TNRC6A trinucleotide repeat containing 6A [Homo sapiens (human)]
Official Symbol	TNRC6A
Synonyms	GW1; GW182; TNRC6; CAGH26; CAG repeat protein 26; CTD-2540M10.1; EDIE; EMSY interactor protein; GW182 autoantigen; glycine-tryptophan protein of 182 kDa; trinucleotide repeat-containing gene 6A protein
Gene ID	27327
mRNA Refseq	NM_001330520.2

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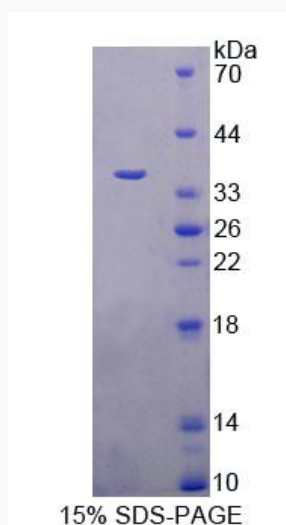
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Protein Refseq NP_001317449.1

UniProt ID Q8NDV7

SDS-PAGE



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