

Recombinant Human NUP35 protein, His & T7-tagged

Cat. No. NUP35-1486H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUP35 aa. (Thr132~Lys310 (Accession # Q8NFH5)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr132~Lys310
Description	This gene encodes a member of the nucleoporin family. The encoded protein contains two membrane binding regions, is localized to the nuclear rim, and is part of the nuclear pore complex. All molecules entering or leaving the nucleus either diffuse through or are actively transported by the nuclear pore complex. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 7 and 10.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.4kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 9.5.

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Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	NUP35 nucleoporin 35 [Homo sapiens (human)]
Official Symbol	NUP35
Synonyms	MP44; NP44; MP-44; NUP53; mitotic phosphoprotein 44; nuclear pore complex protein Nup53; nucleoporin 35kDa; nucleoporin NUP53
Gene ID	129401
mRNA Refseq	NM_001287584.1
Protein Refseq	NP_001274513.1
UniProt ID	Q8NFH5

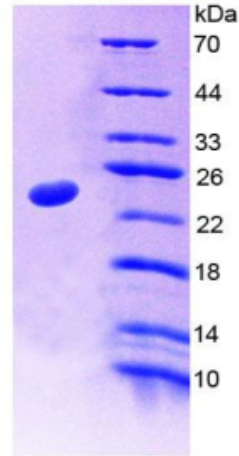
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SDS-PAGE



15% SDS-PAGE

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