Recombinant Human NUP85 protein, His & T7-tagged

Cat. No. NUP85-1514H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUP85 aa. (Arg130~Leu368 (Accession # Q9BW27)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg130~Leu368
Description	This gene encodes a protein component of the Nup107-160 subunit of the nuclear pore complex. Nuclear pore complexes are embedded in the nuclear envelope and promote bidirectional transport of macromolecules between the cytoplasm and nucleus. The encoded protein can also bind to the C-terminus of chemokine (C-C motif) receptor 2 (CCR2) and promote chemotaxis of monocytes, thereby participating in the inflammatory response. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.9kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method).
Purity	>95%

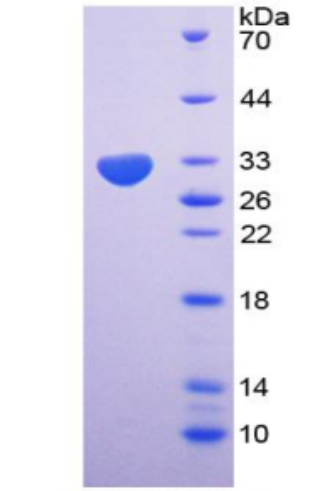
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Characteristic	The isoelectric point is 5.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 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	NUP85 nucleoporin 85 [Homo sapiens (human)]
Official Symbol	NUP85
Synonyms	Nup75; FROUNT; nucleoporin 85kDa; nucleoporin Nup75; nucleoporin Nup85; nuclear pore complex protein Nup85
Gene ID	79902
mRNA Refseq	NM_001303276.1
Protein Refseq	NP_001290205.1

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UniProt ID	Q9BW27
SDS-PAGE	 15% SDS-PAGE

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