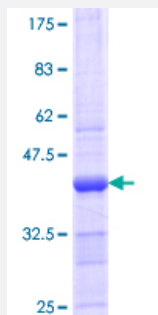


NUP43 (Human) Recombinant Protein (Q01)

Catalog # H00348995-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NUP43 partial ORF (NP_078923.3, 281 a.a. - 380 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SEDGSLWHWDASTDVPEKSSLFHQGGRSSTFLSHSISNQANVHQSVISSWLSTDPAKDREITSL LPSRSLSVNTLDVLGPCLVCGTDAEAMVTRHLFS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (92); Rat (88)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NUP43

Entrez GeneID [348995](#)

GeneBank Accession# [NM_024647](#)

Protein Accession# [NP_078923.3](#)

Gene Name NUP43

Gene Alias FLJ13287, bA350J20.1, p42

Gene Description nucleoporin 43kDa

Omim ID [608141](#)

Gene Ontology [Hyperlink](#)

Gene Summary Bidirectional transport of macromolecules between the cytoplasm and nucleus occurs through nuclear pore complexes (NPCs) embedded in the nuclear envelope. NPCs are composed of subcomplexes, and NUP43 is part of one such subcomplex, Nup107-160 (Loiodice et al., 2004 [PubMed 15146057]).[supplied by OMIM]

Other Designations nucleoporin Nup43