9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4357: Recombinant Human Nucleopurin 62kDa

Alternative Name : Nuclear pore glycoprotein p62,62 kDa nucleoporin,Nucleoporin Nup62,NUP62,p62,IBSN,SNDI.

Description

Source : Sf9 insect cells. NUP62 Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 54,626 Dalton. NUP62 is expressed with a -10x His tag at N-terminus and purified by proprietary chromatographic techniques. Nucleopurin 62kDa (NUP62) belongs to the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. Nucleoporins are the principal components of the nuclear pore complex in eukaryotic cells. This complex is a colossal structure which extends across the nuclear envelope, forming an entryway that regulates the stream of macromolecules between the nucleus and the cytoplasm. NUP62 associates with the importin alpha/beta complex that is involved in the import of proteins containing nuclear localization signals. Defects in the NUP62 are the cause of SNDI (infantile striatonigral degeneration), aka infantile bilateral striatal necrosis (IBSN) or familial striatal degeneration.

Product Info

Amount :	20 µg
Purification :	Greater than 80% as determined by SDS-PAGE.
Content :	NUP62 is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.