

NUP62 Recombinant Protein

CATALOG NO.: XW-RP3177

BACKGROUND:

The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. Multiple transcript variants of this gene encode a single protein isoform.

SOURCE: E. coli

PURITY: 95%

BUFFER: 10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN₃

FUSION PARTNER: T7 tag at N-terminus

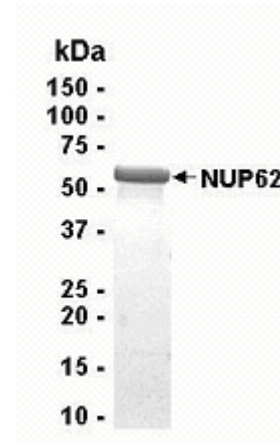
DOMAIN: aa. 1-522

MOLECULAR WEIGHT: 60 kDa (Calculated)

PROTEIN GI #: 24497609

PROTEIN ACCESSION #: NP_714941

TESTED APPLICATION: WB,E,MS



SDS PAGE: Analysis of NUP62 Recombinant Protein. 4-20% SDS gradient gel. Coomassie blue staining.

STORAGE: Store at -70°C. As with any protein, exposing NUP62 recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

During shipment, small volumes of NUP62 recombinant protein will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap. **For research use only.**