

Human STAR Recombinant Protein



RPPB4841

Product Information Protein Information

Product SKU:

RPPB4841

Accession:

P49675

Host:

E.coli.

Protein description:

STAR Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 243 amino acids (64-285) and having a molecular mass of 27.1 kDa. STAR is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Steroidogenic acute regulatory protein, STARD1, StAR, START domain-containing protein 1, cholesterol trafficker, Mitochondrial steroid acute regulatory protein, StAR-related lipid transfer (START) domain containing 1.

Formulation:

The STAR solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT and 20% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHH SGLVPRGSH MEETLYSDQE LAYLQQGEEA MQKALGILSN QEGWKESQQ DNGDKVMSKV
VPDVGKVFRL EVVVDQPMER LYELVERME AMGEWNPVVK EIKVLQKIGK DTFITHELAA EAAGNLVGPR
DFVSVRCAR RGSTCVLAGM ATDFGNMPEQ KGVIRAEHGP TCMVLHPLAG SPSKTKLTWL LSIDLKGWLP
KSIINQVLSQ TQVDFANHLR KRLESHPAE ARC