

SEPT6 Human

Description: SEPT6 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 457 amino acids (1-434) and having a molecular mass of 52.1 kDa. SEPT6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-956

For research use only.

Synonyms: Septin 6, Septin 2, SEP2, KIAA0128, SEPT2.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMAATDIA RQVGEGCRTV
PLAGHVGFDLS LPDQLVNKSV SQGFCFNILC VGETGLGKST LMDTLFNTKF EGEPATHTQP
GVQLQSN TYD LQESNVRLKL TIVSTVGFGD QINKEDSYKP IVEFIDAQFE AYLQEELKIR
RVLHTYHDSR IHVCLYFIAP TGHSLKSLDL VTMKKLDSKV NIPIIAKAD AISKSELTKF
KIKITSELVS NG

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The SEPT6 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.1M NaCl and 10% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

SEPT6 is a member of the septin family of GTPases and is functionally involved in cytokinesis and conservation of cellular morphology. SEPT6 interact with SEPT2. The genes encoding the mixed-lineage leukemia and SEPT2 breakpoint proteins are associated with one type of pediatric acute myeloid leukemia which is caused by reciprocal translocation between chromosomes 11 and X.

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