

Human CAPZA2 Recombinant Protein



RPPB2982

Product Information Protein Information

Product SKU:

RPPB2982

Accession:

P47755

Host:

Escherichia Coli.

Protein description:

CAPZA2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 309 amino acids (1-286 a.a) and having a molecular mass of 35.3kDa. CAPZA2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Capping Protein (Actin Filament) Muscle Z-Line, Alpha 2, F-Actin Capping Protein Alpha-2 Subunit, CapZ Alpha-2, CAPPA, CAPZ2, F-Actin-Capping Protein Subunit Alpha-2.

Formulation:

CAPZA2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, and 0.4M UREA.

Purity:

Greater than 85.0% 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:

MGSSHHHHHH SGLVPRGSH MGSMADLEEQ LSDEEKVRIA AKFIIHAPPG EFNEVFNDVR LLLNNDNLLR
EGAAHAFAQY NLDQFTPVKI EGYEDQVLIT EHGDLGNGKF LDPKNRICFK FDHLRKEATD PRPCEVENAV
ESWRTSVETA LRAYVKEHYP NGVCTVYGKK IDGQQTIIAC IESHQFQAKN FWNGRWRSEW KFTITPSTTQ
VVGILKIQVH YYEDGNVQLV SHKDIQDSL T VSNEVQTAKE FIKIVEAAEN EYQTAISENY QTMSDITTFKA
LRRQLPVTRT KIDWNKILSY KIGKEMQNA.