

Human HEXA Recombinant Protein



RPPB1809

Product Information Protein Information

Product SKU:

RPPB1809

Accession:

P06865

Host:

Escherichia Coli.

Protein description:

HEXA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 464 amino acids (89-529 a.a) and having a molecular mass of 52.9 kDa. HEXA is fused to a 23 amino acid His-tag at N-terminus.

Appearance:

Sterile Filtered clear solution.

Synonyms:

TSD, hexosaminidase A, Beta-hexosaminidase subunit alpha, Beta-N-acetylhexosaminidase subunit alpha, Hexosaminidase subunit A, N-acetyl-beta-glucosaminidase subunit alpha.

Formulation:

HEXA protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

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 MGSLEKNVL VSVVTPGCN QLPTLESVEN YTLTINDDQC LLLSETWGA
LRGLETFSQL VWKSAEGTFF INKTEIDFP RFPHRGLLLD TSRHYLPLSS ILDTLDMAY NKLNVFHWHL
VDDPSFPYES FTFPELMRKG SYNPVTHIYT AQDVKEVIEY ARLRGIRVLA EFDTPGHTLS WGPPIPGLLT
PCYSGSEPSG TFGPVNPSLN NTYEFMSTFF LEVSSVFPDF YLHLGGDEVD FTCWKSNEI QDFMRKKGFG
EDFKQLESFY IQTLIDIVSS YGKGYVVWQE VFDNKVKIQP DTIIQVWRED IPVNYMKELE LVTKAGFRAL
LSAPWYLNRI SYGPDWKDFY VVEPLAFEGT PEQKALVIGG EACMWGEYVD NTNLPRLWP RAGAVAERLW
SNKLTSDLTF AYERLSHFRC ELLRRGVQAQ PLNVGFCEQE FEQT.