

RPPB1810

Product Information Protein Information

Product SKU:

RPPB1810

Accession:

P06865

Host:

Sf9, Baculovirus cells.

Protein description:

HEXA produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 513 amino acids (23-529a.a.) and having a molecular mass of 59.2kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). HEXA is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Hexosaminidase A (Alpha Polypeptide), N-Acetyl-Beta-Glucosaminidase Subunit Alpha, Beta-N-Acetylhexosaminidase Subunit Alpha, Hexosaminidase Subunit A, EC 3.2.1.52, TSD, Beta-Hexosaminidase Subunit Alpha, GM2 Gangliosidosis, Tay Sachs Disease, EC 3.2.1, Beta-hexosaminidase subunit alpha, Beta-N-acetylhexosaminidase subunit alpha, Hexosaminidase subunit A, N-acetyl-beta-glucosaminidase subunit alpha.

Formulation:

HEXA protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4).

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:

LWPWPQNFQT SDQRYVLYPN NFQFQYDVSS AAQPGCSVLD EAFQRYRDLL FGSGSWPRPY LTGKRHTLEK
NVLVSVVTP GCNQLPTLES VENYTLTIND DQCLLSETV WGALRGLET FSQLVWKS AEG TFFINKTEIE
DFPRFPHRGL LLDTSRHLYP LSSILD TLDV MAYNKLN VFH WHLVDDPSFP YESFTFPELM RKGSYNPVTH
IYTAQDVKEV IEYARLRGIR VLA EFDTPGH T LSWGPGIPG LLTPCYS GSE PSGTFGPVNP SLNNTYEFMS
TFFLEVSSVF PDFYLHLGGD EVDFTCWKSN PEIQDFMRKK GFGEDFKQLE SFYIQTL LDI VSSYGKGYV
WQEVFDNKVK IQPDTIIQVW REDIPVNYMK E LELVTKAGF RALLSAPWYL NRISYGPDWK DFYIVEPLAF
EGTPEQKALV IGGEACMWGE YVDNTNLVPR LWPRAGAVAE RLWSNKL TSD LTFAYERLSH FRCCELLRRGV
QAQPLNVGFC EQEFEQTHHH HHH.