

Hexosaminidase A Human Recombinant

Item Number	rAP-1416
Synonyms	TSD, hexosaminidase A, Beta-hexosaminidase subunit alpha, Beta-N-acetylhexosaminidase subunit alpha, Hexosaminidase subunit A, N-acetyl-beta-glucosaminidase subunit alpha.
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.
Uniprot Accession Number	P06865
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSTLEKNVL VVSVVTGCGN QLPTLESVEN YTLTINDDQC LLLSET-VWGA LRGLETFSQL VWKSAEGTFF INKTEIEDFP RFPHRGLLLD TSRHYLPLSS ILDTLDVMAY NKLNVFHWHL VDDPSFPYES FTFPELMRKG SYNPTVTHYT AQDVKEVIEY ARLRGIRVLA EFDTPGHTLS WGP GIPGLLT PCYSGSEPSG TFGPVNPSLN NTYEFMSTFF LEVSSVFPDF YLHLGGDEVD FTCWKSNEI QDFMRKKGFG EDFKQLESFY IQTLL-DIVSS YGKGYVVWQE VFDNKVKIQP DTIIQVWRED IPVNYMKELE LVTKAGFRAL LSAPWYLNRI SY-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	HEXA protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**