

Glucosamine-6-Phosphate Deaminase 1 Human Recombinant

Item Number	rAP-1225
Synonyms	GNP1, GNPDA, GNPI, GPI, HLN, Oscillin.
Description	GNPDA1 Recombinant Human produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 309 amino acids (1-289) and having a molecular mass of 34.8 kDa. GNPDA1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P46926
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MKLIILEHYS QASEWAAKYI RNRIIQFNPG PEKYFTLGLP TGSTPLGCKY KLIEYYKNGD LSFYVKTENMDEYVGLPRD HPESYHSFMW NNFFKHIDIH PENT- HILDGN AVDLQAECD AFEKIKAAAG IELFVGGIGP DGHIAFNEPG SSLVSRTRVK TLAMDTILAN ARFFDGELTK VPTMALTVGV GTVMDAREVM ILITGAHKAF ALYKAIEEGV NHMWTVSAFQ QHPRTVFVCD EDATLELKVKT VKYFKGLML VHNKLVDPLY SIKEKETEK SSSKKPYSD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. GNPDA1 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	1 mg/ml solution containing 20mM Tris Hcl buffer pH-8, 1mM DTT, 50mM NaCl and 20% glycerol. Greater than 90.0% 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**