

Fructosamine 3 Kinase Human Recombinant

Item Number	rAP-1685
Synonyms	Fructosamine-3-kinase, FN3K.
Description	FN3K Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 332 amino acids (1-309 a.a) and having a molecular mass of 37kDa.FN3K is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H479
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEQLLRA ELRTATLRAF GGPGAGCISE GRAYDTDAGP VFVKVNRRTQ ARQMFEGEVA SLEALRSTGL VRVPRPMKVI DLPGGGAFFV MEHLKMKSL SQAASK- LGEQM ADLHLYNQKL REKLKEEENT VGRRGEGAEP QYVDKFGFHT VTCCGFIPQV NEWQDDWPTF FARHRLQAQL DLIEKDYADR EARELWSRLQ VKIPDLFCGL EIVPALLHGD LWSGNVAEDD VGPIIYDPAS FYGHSEFELA IALMFGGFPR SFFTAYHRKI PKAPGFDQRL LLYQLFNLYN HWNHFGREYR SPSLGTMRRLL LK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless 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	FN3K protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. 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**