ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Granzyme-K Human Recombinant

Item Number	rAP-1146
Synonyms	Granzyme K, Fragmentin-3, Granzyme-3, NK-tryptase-2, NK-Tryp-2, GZMK, TRYP2, Granzyme-K.
Description	GZMK Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 261 amino acids (27-264 a.a.) and having a molecular mass of 28.2kDa.GZMK is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P49863
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSIIGGKEV SPHSRPFMAS IQYGGHHVCG GVLIDPQWVL TAAHCQYRFT KGQSPTVVLG AHSLSKNEAS KQTLEIKKFI PFSRVTSDPQ SNDIMLVKLQ TAAKLNKHVK MLHIRSKTSL RSGTKCKVTG WGATDPDSLR PSDTLREVTV TVLSRKLCNS QSYYNGDPFI TKDMVCAG-DA KGQKDSCKGD SGGPLICKGV FHAIVSGGHE CGVATKPGIY TLLTKKYQTW IKSNLVPPHT N.
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	GZMK protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% 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

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