

## 32-2421: GZMK Recombinant Protein

**Alternative Name :** Granzyme K, Fragmentin-3, Granzyme-3, NK-tryptase-2, NK-Tryp-2, GZMK, TRYP2, Granzyme-K.

### Description

Source : Escherichia Coli. 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. GZMK is a part of a group of related serine proteases from the cytoplasmic granules of cytotoxic lymphocytes. Cytolytic T lymphocytes and natural killer cells have the outstanding ability to bind, recognize and lyse specific target cells. They defend their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 85% as determined by SDS-PAGE.
<b>Content :</b>	GZMK protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHH SSGLVPRGSH MGSIIIGGKEV SPHSRPFMAS IQYGGHHVCG GVLIDPQWVL TAAHCQYRFT KGQSPTVVLG AHSLSKNEAS KQTLEIKKFI PFSRVTS DPQ SNDIMLVKLQ TAAKLNKHVK MLHIRSKTSL RSGTKCKVTG WGATDPDSL R PSDTLRETV TVLSRKLCNS QSYNGDPFI TKDMVCAGDA KGQKDSCKGD SGGPLICKGV FHAIVSGGHE CGVATKPGIY TLLTKKYQ TW IKS NLVPPHT N.

