

32-6795: GZMK Human, Sf9

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

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

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.

GZMK Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 247 amino acids (27-264) and having a molecular mass of 26.9kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). GZMK is fused to a 6 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by analysis by SDS-PAGE.

Content : GZMK protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4), 20% glycerol and 1mM DTT.

Storage condition : 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.

Amino Acid : ADPIIGGKEV SPHSRPFMAS IQYGGHHVCG GVLIDPQWVL TAAHCQYRFT KGQSPTVVLG AHSLSKNEAS KQTLEIKKFI PFSRVTS DPQ SNDIMLVKLQ TAAKLNKHVK MLHIRSKTSL RSGTKCKVTG WGATDPDSL R PSDTLREVTV TVLSRKL CNS QSYNGDPFI TKDMVCAGDA KGQKDSCKGD SGGPLICKGV FHAIVSGGHE CGVATKPGIY TLLTKKYQ TW IKS NLVPPHT NHHHHHH.