Recombinant Human GZMK protein, His-tagged

Cat. No. GZMK-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GZMK protein(NP_002095.1) (Met25-Asn264) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met25-Asn264
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human GZMK consists of 251 amino acids and predicts a molecular mass of 27.56 kDa. It migrates as an approximately 29.97 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	GZMK granzyme K (granzyme 3; tryptase II) [Homo sapiens]
Official Symbol	GZMK
Synonyms	GZMK; granzyme K (granzyme 3; tryptase II); granzyme K (serine protease, granzyme 3; tryptase II); granzyme K; PRSS; TRYP2; NK-Tryp-2; granzyme 3; granzyme-3; tryptase II; fragmentin-3; NK-tryptase-2; granzyme K (serine protease, granzyme 3; tryptase II)
Gene ID	3003
mRNA Refseq	NM_002104
Protein Refseq	NP_002095
MIM	600784
UniProt ID	P49863

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