

IL-32 Protein, Human, Recombinant (isoform beta, GST & His)

General Information

Synonyms:	TAIF;IL-32 beta;NK4;Interleukin-32;IL32;IL-32
Protein Construction:	A DNA sequence encoding human full-length IL32
Species:	Human
Expression Host:	E. coli
Accession:	P24001-2
Molecular Weight:	49.6 kDa (predicted)

QC Testing

Biological Activity:	Activity is not tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 80% as determined by SDS-PAGE.
Formulation:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

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