

General Information

Gene Name Synonym

MT-3; GIFB; GIF; Growth inhibitory factor;
Metallothionein-III; MT-III

Protein Construction

A DNA sequence encoding the human MT3 (NP_005945.1) (Met1-Gln68) was expressed with the GST tag at the N-terminus

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Not tested.

Purity

>85% as determined by SDS-PAGE

Endotoxin

Please contact the lab for more information.

Stability

Aliquot and store at -20°C to -80°C for up to 6 months. Avoid freeze thaw cycles.

Molecular Mass

The recombinant human MT3 consists of 298 amino acids and has a calculated molecular mass of 33.7 kDa.

Formulation

PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4).

Usage Guide

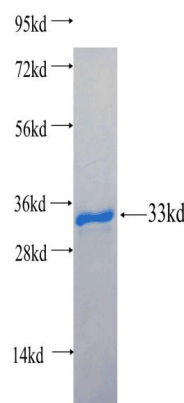
Storage

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.

Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

SDS-PAGE



Recombinant human MT3 SDS-PAGE