

Recombinant IRGM protein (His tag)



Catalog Number: 541669

Gene Name Synonym

Immunity-related GTPase family M protein 1;
Interferon-inducible protein 1; LPS-stimulated
RAW 264.7 macrophage protein 47 homolog;
LRG-47

Protein Construction

DNA encoding 1-181 aa (A1A4Y4) were fused with
6His tag.

Organism

Human

Expression Host

E. coli

Activity

Not tested.

Purity

>88%, by SDS-PAGE with Coomassie Brilliant
Blue staining.

Endotoxin

Please contact the lab for more information.

Stability

Samples are stable for up to twelve months from
date of receipt at -70°C

Molecular Mass

Predictes a molecular mass of 21.80 kDa. In SDS-
PAGE under reducing conditions, it migrates as an
approximately 22 kDa band.

Formulation

Lyophilized from sterile PBS, pH 7.4

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.