
Product Datasheet

GRP78 (Bip) Protein (orb1822404)

Description

Active Human Recombinant GRP78 (Bip) Protein

Reactivity

Human

Tested Applications

ATPase Activity Assay, ELISA, FA, SDS-PAGE, WB

Target

GRP78 (Bip)

Preservatives

50mM Tris/HCl, pH 7.5, 150mM NaCl, 10% glycerol

Concentration

Lot/batch specific. See included datasheet.

Storage

-20°C

Tag

His tag

Note

For research use only

Application notes

This product has been certified > 90% pure using SDS-PAGE analysis. The protein has ATPase activity at the time of manufacture of 2.3μM phosphate liberated/hr/μg protein in a 200μl reaction at 37°C (pH 8) in the presence of 20ul of 1mM ATP using a Malachite Green assay.

Protein Sequence

MKLSLVAAMLLLLSAARAEEDKKEDVGTVVGIDLGTTYSCVGVFKNGRVEIIAN
 DQGNRITPSYVAFTPEGERLIGDAAKNQLTSPENTVFDKRLIGRTWNDPSVQ
 QDIKFLPFKVVVEKTKPYIQVDIGGGQTKTFAPEEISAMVLTKMKETAAYLGKKV
 THAVVTPPAYFNDAQRQATKDAGTIAGLNVMRIINEPTAAAIAYGLDKREGEKNIL
 VFDLGGGTDFDVSLTIDNGVFEVVATNGDTHLGGEDFDQRMVMEHFILYKKTG
 KDVRKDNRAVQKLRREVEKAKRALSSQHARIEIESFYEGEDFSETLTRAKFEEL
 NMDLFRSTMKPVQKVLESDLKSDIDEIVLVGGSTRIPKIQLVKEFFNGKEPSR
 GINPDEAVAYGAAVQAGVLSGDQDTGDLVLLDVCPLTLGIETVGGVMTKLIPRN
 TVVPTKKSQIFSTASDNQPTVTIKVYEGERPLTKDNHLLGTFDLTGIPPAPRGVPQI
 EVTFEIDVNGILRVTAEDKGTGNKNKITITNDQNRLTPEEIERMVNDAEKFAEEDK
 KLKERIDTRNELESYAYSLKNQIGDKEKLGKLSSEDKETMEKAVEEKIEWLESH
 QDADIEDFKAKKKEEIVQPIISKLYGSAGPPPTGEEDTAEKDEL

Purity

> 90%

Source

Recombinant

MW

~78 kDa

Uniprot ID
P11021
Expiration Date

6 months from date of receipt.