

p53 Responsive Gene 3 (PRG3) Recombinant Protein | PRG3 recombinant protein

Recombinant p53 Responsive Gene 3 (PRG3)

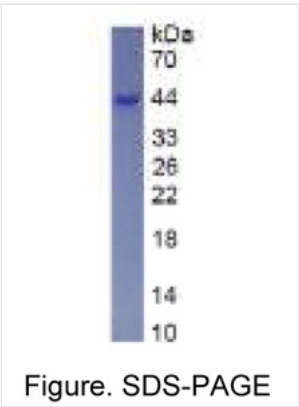
CATALOG # AAA149299	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

p53 Responsive Gene 3 (PRG3); Recombinant p53 Responsive Gene 3 (PRG3); AIFM2; AMID; Apoptosis-Inducing Factor; Mitochondrion-Associated 2; p53-responsive gene 3; Apoptosis-inducing factor homologous mitochondrion-associated inducer of death; PRG3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for PRG3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Gly2~Pro373
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	9.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



GSQSVESG ALHVIVGGG FGGIAAASQL QALNVPFNLV DMKDSFHHNV
AALRASVETG FAKKTFISYS VTFKDNFRQG LVVGIDLKNQ MVLLQGGEAL
PFSHLILATG STGPFPGKFN EVSSQAAIQ AYEDMVRQVQ RSRFIVVVG
GSAGVEMAAE IKTEYPEKEV TLIHSQVALA DKELLPSVRQ EVKEILLRKG
VQLLSERVVS NLEELPLNEY REYIKVQTDK GTEVATNLVI LCTGIKINS
AYRKAFESRL ASSGALRVNE HLQVEGHSNV YAIGDCADVR TPKMAYLAGL
HANIAVANIV NSVKQRPLQA YKPGALTFL SMGRNDGVGQ ISGFYVGRLM
VRLTKSRDLF VTSWKTMRQ SPP

Sequence
SDS-PAGE

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PRG3 recombinant protein	Tumor immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311082415
NCBI GeneID	84883
NCBI Accession #	NP_001185625.1
NCBI GenBank Nucleotide #	NM_001198696.1
UniProt Accession #	Q9BRQ8
Molecular Weight	Predicted Molecular Mass: 44.1kDa Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	apoptosis-inducing factor 2
NCBI Official Synonym Full Names	apoptosis inducing factor mitochondria associated 2
NCBI Official Symbol	AIFM2
NCBI Official Synonym Symbols	AMID; PRG3
NCBI Protein Information	apoptosis-inducing factor 2
UniProt Protein Name	Apoptosis-inducing factor 2
UniProt Gene Name	AIFM2
UniProt Synonym Gene Names	AMID; PRG3
UniProt Entry Name	AIFM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.