

Protein Kinase, cGMP Dependent Type II (PRKG2) Recombinant Protein | PRKG2 recombinant protein

Recombinant Protein Kinase, cGMP Dependent Type II (PRKG2)

CATALOG # AAA148333	HOST E Coli	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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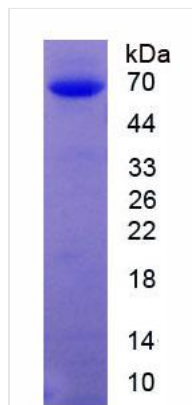
PRODUCT SYNONYMS

Protein Kinase; cGMP Dependent Type II (PRKG2); Recombinant Protein Kinase; PRKGR2; cGKII; cGMP-dependent protein kinase 2; PRKG2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 90%
Form/Format	Freeze-dried powder
Sequence Length	342
Applicable Applications for PRKG2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Tag	N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Fragment	Leu453~Leu728
Subcellular Location	Membrane
Isoelectric Point	8.9

IMAGES



Sequence

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LEIIATLG VGGFGRVELV KVKNNVFA MKCIRKKHIV DTKQQEHVYS
EKRIIEELCS PFIVKLYRTF KDNKYVYMLL EACLGELWS ILDRGSFDE
PTSKFCVACV TEAFDYLHRL GIIRDLKPE NLILDAEGL KLVDFGFAKK
IGSGQKTWTF CGTPEYVAPE VILNKGHDFS VDFWSLGILV YELLTGNPPF
SGVDQMNTYN LILKGIEKMD FPRKITRRPE DLIRRLCRQN PTERLGNLKN
GINDIKKHRW LNGFNWEGLK ARSLPSPL
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SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PRKG2 recombinant protein	Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	541866806
NCBI GeneID	5593
NCBI Accession #	NP_001269409.1
NCBI GenBank Nucleotide #	NM_001282480.1
UniProt Accession #	Q13237; O00125; O60916; B4DMX3; E7EPE6
Molecular Weight	Predicted Molecular Weight: 61.8kDa Accurate Molecular Weight: 62kDa
NCBI Official Full Name	cGMP-dependent protein kinase 2 isoform b
NCBI Official Synonym Full Names	protein kinase, cGMP-dependent, type II
NCBI Official Symbol	PRKG2
NCBI Official Synonym Symbols	cGK2; cGKII; PRKGR2
NCBI Protein Information	cGMP-dependent protein kinase 2
UniProt Protein Name	cGMP-dependent protein kinase 2
UniProt Gene Name	PRKG2
UniProt Synonym Gene Names	PRKGR2; cGK 2; cGK2; cGKII

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.

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Online datasheet: <https://stage.aaabiotech.com/prkg2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/148333>