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

Recombinant Protein Kinase, cGMP Dependent Type II (PRKG2)

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

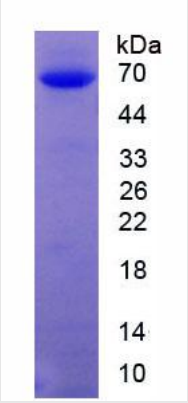
PRODUCT SYNONYMS

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



SDS-PAGE

LEIIATLG VGGFGRVELV KVKNENVAFA MKCIRKKHIV DTKQQEHVYS
EKRILEELCS PFIVKLYRTF KDNKYVYMLL EACLGGELWS ILRDRGSFDE
PTSKFCVACV TEAFDYLHRL GIIYRDLKPE NLILDAEGYL KLVDFGFAKK
IGSGQKTWTF CGTPEYVAPE VILNKGHDFS VDFWSLGILV YELLTGNPPF
SGVDQMMTYN LILKGIEKMD FPRKITRRPE DLIRRLCRQN PTERLGNLKN
GINDIKKHRW LNGFNWEGLK ARSLPSPL

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for PRKG2 recombinant protein	Enzyme & Kinase

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://www.aaabiotech.com/prkg2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/148333