

Prokineticin 2 Active Protein | PK2 active protein

Active Prokineticin 2 (PK2)

CATALOG #
AAA150071

APPLICATIONS
Activity Assay, Cell Culture

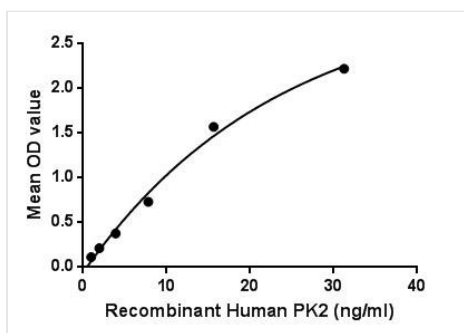
PRODUCT SYNONYMS

Prokineticin 2; Active Prokineticin 2 (PK2); PK-2; Bv8; MIT1; KAL4; Protein Bv8 Homolog; PK2 active protein

PRODUCT SPECIFICATIONS

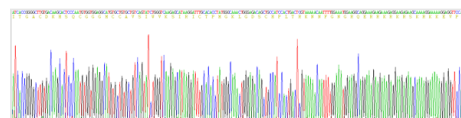
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Ile30~Gln128
Sequence Length	129
Applicable Applications for PK2 active protein	Activity Assay, Cell Culture
Species	Human
Tag	N-terminal His and GST Tag
Isoelectric Point	10.2
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: 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.

IMAGES



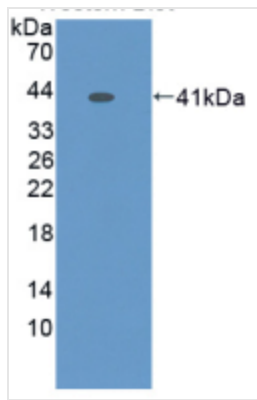
Bioactivity

Figure. The binding activity of PK2 with PKR1

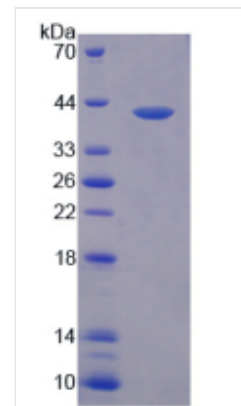


Gene Sequencing

Figure. Gene Sequencing (Extract)



WB (Western Blot)
Figure. Western Blot



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PK2
active protein

Neuro science

NCBI AND UNIPROT INFORMATION

NCBI GI #	187167261
NCBI GeneID	60675
NCBI Accession #	NP_001119600.1
NCBI GenBank Nucleotide #	NP_001119600.1
UniProt Accession #	Q9HC23
Molecular Weight	Predicted Molecular Mass: 41.2kDa Accurate Molecular Mass: 41kDa
NCBI Official Full Name	prokineticin-2 isoform a
NCBI Official Synonym Full Names	prokineticin 2
NCBI Official Symbol	PROK2
NCBI Official Synonym Symbols	BV8; HH4; PK2; KAL4; MIT1
NCBI Protein Information	prokineticin-2
UniProt Protein Name	Prokineticin-2
UniProt Gene Name	PROK2
UniProt Synonym Gene Names	BV8; PK2
UniProt Entry Name	PROK2_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.

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Online datasheet: <https://stage.aaabiotech.com/pk2-active-protein/prokineticin-2/150071>