

Recombinant Human PASK Kinase

Catalog No.: RP03436LQ

Sequence Information

Species	Gene ID
Human	23178
Swiss Prot	Tags
Q96RG2	N-GST

Synonyms

PASK; KIAA0135; PAS-kinase; PASKIN; hPASK; PAS domain-containing serine/threonine-protein kinase

Product Information

Source	Purification
Baculovirus-Insect Cells	≥ 80 % as determined by SDS-PAGE; ≥ 80 % as determined by HPLC.

Calculated MW	Observed MW
68.3 kDa	60-70 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Supplied as a 0.22 μm filtered solution in 50 mM Tris-HCl, 200 mM NaCl, 0.05% Brij35, 10% glycerol, 1 mM DTT. (pH 7.5). Contact us for customized product form or formulation.

Reconstitution

Please use running water to thaw it quickly.

Background

PAS domain-containing serine/threonine-protein kinase is an enzyme that in humans is encoded by the PASK gene. PAS domains regulate the function of many intracellular signaling pathways in response to both extrinsic and intrinsic stimuli. PASK is an evolutionarily conserved protein present in yeast, flies, and mammals.

Basic Information

Description

Recombinant Human PASK Kinase is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Ser949-Ser1323) of Human PASK (Accession #Q96RG2) fused with a N-GST tag.

Activity

The activity of PASK is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

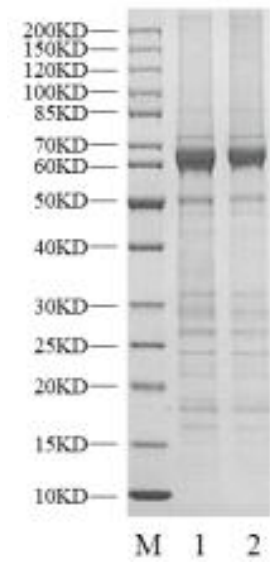
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

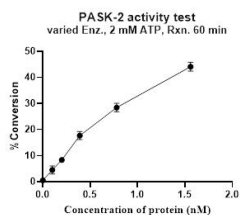
Contact

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Validation Data



Recombinant Human PASK Kinase was resolved with SDS-PAGE under reducing (Lane 1) and non-reducing (Lane 2) conditions.



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