

**Catalog No.: RP03436LQ** **Recombinant**

Species	Gene ID	Swiss Prot
Human	23178	O96RG2

## N-GST

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

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

## 68.3 kDa                      60-70 kDa


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

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.

Please use running water to thaw it quickly.

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

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.

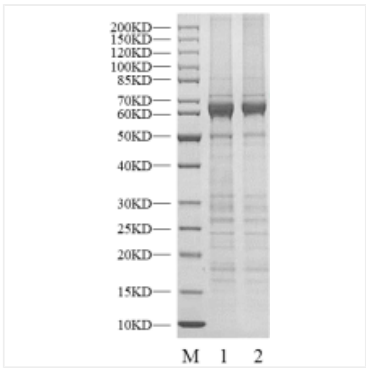
Recombinant Human PASK Kinase is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Ser949-Ser1323) of Human PASK (Accession #Q96RG2) fused with a N-GST tag.

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.

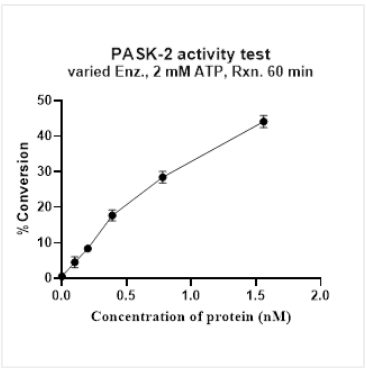
Store at -70°C. This product is stable at  $\leq -70^{\circ}\text{C}$  for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Aliquots below 10 µL are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles.

Validation Data



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



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.