

Recombinant Rat KLK10 Protein (His Tag)

Catalog No. PKSR040472

Note: Centrifuge before opening to ensure complete recovery of vial contents.

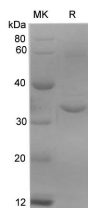
Description

Synonyms	Breast normal epithelial cell associated serine protease, Kallikrein related peptidase 10, Kallikrein10, KLK 10, KLK10, NES 1, NES1, Normal epithelial cell-specific 1, Protease serine like 1, Protease serine-like 1, PRSS L1, PRSSL 1, PRSSL1
Species	Rat
Expression Host	E.coli
Sequence	Pro19-Pro259
Accession	P36375-1
Calculated Molecular Weight	27.1 kDa
Observed molecular weight	29.35 kDa
Tag	N-His
Bioactivity	Testing in progress

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 85 % as determined by reducing SDS-PAGE.

Background

For Research Use Only

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein.