

Human CellExp Kallikrein-13, human recombinant protein
KLK13, KLKL4, KLK-13, Kallikrein-13
Catalog # PBV11035r**Specification**

Human CellExp Kallikrein-13, human recombinant protein - Product infoPrimary Accession
Calculated MW[O9UKR3](#)

This protein is fused with 6×his tag at the C-terminus, and has a calculated MW of 28 kDa. The predicted N-terminus is Gly 18. DTT-reduced Protein migrates as 33-40 kDa in SDS-PAGE due to glycosylation. KDa

Human CellExp Kallikrein-13, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
KLK13, KLKL4, KLK-13, Kallikrein-1326085
KLK13Gene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK293 cells
SDS-PAGE; ≥95%
N/A;
Yes
Measured by its ability to cleave the fluorogenic peptide substrate Boc-VPR-AMC. The specific activity is > 150 pmoles / min / µg.

Target/Specificity
Kallikrein-13**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized**Storage**
-20°C; Lyophilized from 0.22 µm filtered solution in 20 mM MES, 150 mM NaCl, pH 6.0. Normally Mannitol or Trehalose are added as protectants before lyophilization.**Human CellExp Kallikrein-13, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp Kallikrein-13, human recombinant protein - Images

Human CellExp Kallikrein-13, human recombinant protein - Background

Kallikrein-13 (KLK13) is also known as Kallikrein-like protein 4 (KLK-L4), is a secreted protein, belongs to the peptidase S1 family and Kallikrein subfamily. KLK-13 contains one peptidase S1 domain. KLK13 is mainly expressed in prostate, breast, testis and salivary gland. KLK13 may be involved in the pathogenesis and / or progression of breast and ovary cancers, and is regarded as a novel cancer biomarker. In addition, KLK13 interacts and forms complexes with several serum protease inhibitors, such as alpha2-macroglobulin, and its expression is regulated by steroid hormones.

Human CellExp Kallikrein-13, human recombinant protein - References

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