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Datasheet for ABIN7320113

Kallikrein 11 Protein (KLK11) (His tag)

1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 20 µg |
| Target: | Kallikrein 11 (KLK11) |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Kallikrein 11 protein is labelled with His tag. |

Product Details

| | |
|------------------|--|
| Purpose: | Recombinant Mouse Kallikrein 11/KLK11 Protein (His Tag) |
| Sequence: | Met 1-Asn 276 |
| Characteristics: | A DNA sequence encoding the mouse KLK11 isoform 2 (Q9QYN3) (Met 1-Asn 276), was fused with a C-terminal polyhistidine tag. |
| Purity: | > 95 % as determined by SDS-PAGE |
| Endotoxin Level: | < 1.0 EU per µg of the protein as determined by the LAL method. |

Target Details

| | |
|-------------------|--|
| Target: | Kallikrein 11 (KLK11) |
| Alternative Name: | Kallikrein 11/KLK11 (KLK11 Products) |
| Background: | Background: kallikrein-related peptidase 11 (KLK11), also known as hippostasin, trypsin-like serine protease and PRSS20, is a member of human tissue kallikrein family. It is a subgroup of serine proteases with diverse physiological functions, which is implicated in carcinogenesis and |

Target Details

some with potential that serving as novel biomarkers for ovarian and prostate cancer and other diseases. The KLK11 gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Two alternatively spliced forms exist, resulting in 250 (isoform 1) and 282 (isoform 2) amino acid sequences. Isoform 2 is identical to isoform 1, except for an inserted 32 amino acid segment. Isoform 1 is predominantly expressed in brain whereas isoform 2 is preferentially expressed in prostate.

Synonym: 2310015I08Rik,Prss20,TLSP

Molecular Weight: 27.3 kDa

UniProt: [Q9QYN3](#)

Pathways: [Complement System](#)

Application Details

Restrictions: For Research Use only

Handling

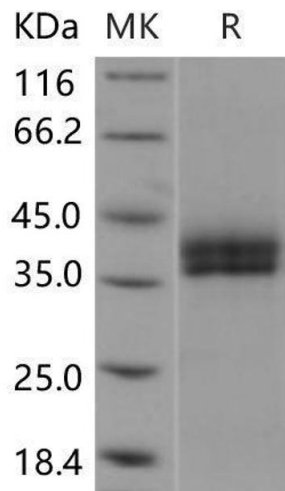
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.



Western Blotting

Image 1.