

Human KLK13 Recombinant Protein



RPPB1875

Product Information Protein Information

Product SKU:

RPPB1875

Accession:

Q9UKR3

Host:

Sf9, Baculovirus cells.

Protein description:

KLK13 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 267 amino acids (17-277a.a.) and having a molecular mass of 29.7kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). KLK13 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Kallikrein-Related Peptidase 13, KLKL4, Kallikrein-Like Protein 4, Kallikrein 13, KLK-L4, Kallikrein-Like Gene 4, Kallikrein-13, EC 3.4.21.-, EC 3.4.21, Kallikrein-13.

Formulation:

KLK13 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

GGVSQESSKV LNTNGTSGFL PGGYTCFPHS QPWQAALLVQ GRLLCGGVLV HPKWVLTAAH CLKEGLKVYL GKHALGRVEA GEQVREVVHS IPHPEYRRSP THLNHDHDDIM LLELQSPVQL TGYIQTLP LS HNNRLTPGTT CRVSGWGTTT SPQVNYPKTL QCANIQLRSD EECRQVYPGK ITDNMLCAGT KEGGKDSCEG DSGGPLVCNR TLYGIVSWG D FPCGQPDRPG VYTRVSRVYL WIRETIRKYE TQQQKWLKGP QHHHHHHH.

Biological Activity:

Specific activity is > 8,000 pmol/min/ug. One unit will hydrolyze 1.0 pmole of BAEE to Na-Benzoyl-L-arginine per minute at pH8.0 at 25C.