

Kallikrein-13 Human Recombinant, sf9

Item Number	rAP-1249
Synonyms	Kallikrein-Related Peptidase 13, KLK14, Kallikrein-Like Protein 4, Kallikrein 13, KLK-L4, Kallikrein-Like Gene 4, Kallikrein-13, EC 3.4.21.-, EC 3.4.21, Kallikrein-13.
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
Uniprot Accession Number	Q9UKR3
Amino Acid Sequence	GGVSEQSSKV LNTNGTSGFL PGGYTCFPHS QPWQAALLVQ GRLLCGGVLV HPKWVLTA AH CLKEGLKVYL GKHALGRVEA GEQVREVVHS IPHPEYRRSP THLNHDHDIM LLEL- QSPVQL TGYIQLPLS HNNRLTPGTT CRVSGWGTTT SPQVNYPKTL QCANIQLRSD EECRQVYPGK ITDNMLCAGT KEGGKDSCEG DSGGPLVCNR TLYGIVSWGD FPCGQPDRPG VYTRVSRVYL WIRETIRKYE TQQQKWLKGP QHHHHHH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	KLK13 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**