

Kallikrein-15 Human Recombinant

Item Number	rAP-1245
Synonyms	Kallikrein-related peptidase 15, ACO, HSRNASPH, Kallikrein-15, ACO protease, KLK15.
Description	KLK15 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 258 amino acids (22-256a.a) and having a molecular mass of 28.2kDa. KLK15 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H2R5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSLLLEGDEC APHSQPWQVA LYERGRFNCG ASLISPHWVL SAAHCQSRFM RVRLGEHNLK KRDGPEQLRT TSRVIPHPRY EARSHRNDIM LLRLVQPARL NPQVRPAVLP TRCPHPGEAC VVSGWGLVSH NEPGTAGSPR SQVSLPDTLH CANISIISDT SCDKSYPGRL TNTMVCAGAE GRGAESCEGD SGGPLVCGGI LQGIVSWGVDV PCDNTTKPGV YTKVCHYLEW IRETMKRN.
Source	Escherichia Coli.
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	The KLK15 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
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**