

# Human KLK1 Recombinant Protein



RPPB1859

## Product Information Protein Information

### Product SKU:

RPPB1859

### Accession:

P06870

### Host:

Escherichia Coli.

### Protein description:

Kallikrein-1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 259 amino acids (25-262) and having a molecular mass of 28.7kDa. KLK1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered clear solution.

### Synonyms:

KLK1, KLK-1, HK1, HK-1, KLKR, KLK6, Tissue Kallikrein, hKLK1, EC 3.4.21.35, Kidney/pancreas/salivary gland kallikrein, Kallikrein-1.

### Formulation:

The KLK1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

### Purity:

Greater than 90.0% 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:

MGSSHHHHH SSGLVPRGSH MIVGGWECEQ HSQPWQAALY HFSTFCQGGI LVHRQWVLTA AHCISDNYQL  
WLGRHNLFDL ENTAQFVHVS ESFPHPGFNM SLENHTRQA DEDYSHDLML LRLTEPADI TDAVKVVELP  
TQEPEVGSTC LASGWGSIEP ENFSFPDDLQ CVDLKILPND ECKKVHVQKV TDFMLCVGHL EGGKDTICVD  
SGGPLMCDGV LQGVTSWGYV PCGTPNKPSV AVRVLSTYVKW IEDTIAENS.