
Product Datasheet

Human Kallikrein-1 (rHuKLK-1) (orb1495062)

Description

Kallikreins are members of a highly

involved in the post-transla...

Endotoxins

Less than 1EU/mg of rHuKLK-1 as determined by LAL method.

Preservatives

Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.

Form/Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Storage

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Note

For research use only

Application notes

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.

Protein Sequence

MWFLVLCAL SLGGTGAAPP IQSRIVGGWE
CEQHSQPWQA ALYHFSTFQC
GGILVHRQWV LTAACISDN YQLWLGRHNL
FDDENTAQFV HVSEFPHPG FNMSLLENHT
RQADEDYSHD LMLLRLTEPA DTITDAVKV
ELPTEEPEVG STCLASGWGS IEPENFSFPD
DLQCVDLKIL PNDECKAHV QKVTDFMLCV
GHLEGGKDTG VGDSGGPLMC
DGVLQGVTSW GYVPCGTPNK
PSVAVRVLVS VKWIEDTIAE NSHHHHHH

Source

Escherichia coli.

MW

Approximately 29.7 kDa, a single non-glycosylated polypeptide chain containing 262 amino acids with 6×His at C-terminus.

Expiration Date

6 months from date of receipt.