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KLK5, 67-293aa, Human, His-tag, Baculovirus

产品货号: TP02750

第三版

别名:Kallikrein-5, KLK5, KLK-L2, KLKL2, SCTE

**描述:**KLK5, also known as kallikrein-5, is one of the newly identified members of the kallikrein gene family, which is a subgroup of the serine protease enzyme family. It is highly expressed in skin, mammary gland and testis. KLK5 has been suggested to regulate cell shedding (desquamation) in conjunction with KLK7 and KLK14, given its ability to degrade proteins which form the extracellular component of cell junctions in the stratum corneum. It is proposed that KLK5 regulates this process since it is able to self-activate in addition to activating KLK7 and KLK14. Recombinant human KLK5, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:**26.2kDa (236aa), 28-40kDa (SDS-PAGE under reducing conditions)

**序列:**

ADLIINGSDCDMHTQPWQAALLLRPNQLYCGAVLVHPQWLLTAAHCRKKVFRVRLGHYSLSPVYESGQQMFQGVKSIP  
HPGYSHPGHSNDLMLIKLNRIRPTKDVRPINVSSHCPASGATKCLVSGWGTTKSPQVHFVKVLQCLNISVLSQKRCEDAYP  
RQIDDTMFCAGDKAGRDSCQGDSGGPVVCNGSLQGLVSWGDYPCARPNRPGVYTNLCKFTKWIQETIQANSHHHHH  
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**纯度:**> 95% by HPLC

**浓度:**0.5mg/ml (determined by Absorbance at 280nm)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.