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32-2167: ASPRV1 Recombinant Protein

Alternative Name : Retroviral-like aspartic protease 1,Skin-specific retroviral-like aspartic protease,SASPase,Skin aspartic protease,TPA-inducible aspartic proteinase-like protein,TAPS,ASPRV1,SASP,MUNO.

Description

Source : Escherichia Coli. ASPRV1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 159 amino acids (191-326) and having a molecular mass of 17.2kDa.ASPRV1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Aspartic Peptidase, Retroviral-Like 1 (ASPRV1) is a protein which contains one peptidase A2 domain. ASPRV1 undergoes autocleavage which is essential for activation of the protein. ASPRV1 is expressed mostly in the granular layer of the epidermis and inner root sheath of hair follicles and localized to membrane region. In the psoriatic skin, ASPRV1 is expressed throughout the stratum corneum. In the ulcerated skin, ASPRV1 is expressed in the stratum granulosum of intact epidermis; however it is virtually nonexistent from ulcerated regions. In addition, ASPRV1 is expressed in differentiated areas of squamous cell carcinomas but not in the undifferentiated tumors.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The ASPRV1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSSMGKGYY LKGKIGKVPV RFLVDSGAQV SVVHPNLWEE VTDGDLDTLQ PFENVVKVAN GAEMKILGVW DTAVSLGKLK LKAQFLVANA SAEEAIIGTD VLQDHNAILD FEHRTCTLKG KKFRLLPVGG SLEDEFDLE.

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