

Recombinant Human Aspartic Peptidase, Retroviral-like 1, His-tagged

Cat. No. ASPRV1-7200H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ASPRV1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 17.2 kDa.
Species	Human
Source	E.coli
ProteinLength	191-326aa
Description	ASPRV1, also known as MUNO, SASP and ASAPase, is a protein that contains 1 peptidase A2 domain. This protein is expressed primarily in the granular layer of the epidermis and inner root sheath of hair follicles and localized to membrane region. This protein undergoes autocleavage which is necessary for activation of the protein.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.
Molecular Mass	17.2 kDa (159aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSSMGKGY LKGKIGKVPV RFLVDGAQV SVVHPNLWEE VTDGDLDTLQ PFENVVKVAN GAEMKILGVW DTAVSLGKLL LKAQFLVANA SAEAAIGTD VLQDHNAILD FEHRTCTLKG KKFRLLPVGG SLEDEFDLE

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	ASPRV1 aspartic peptidase, retroviral-like 1 [Homo sapiens]
Official Symbol	ASPRV1
Synonyms	ASPRV1; aspartic peptidase, retroviral-like 1; retroviral-like aspartic protease 1; FLJ25084; SASPase; Skin ASpartic Protease; Taps; skin aspartic protease; TPA-inducible aspartic proteinase-like protein; skin-specific retroviral-like aspartic protease; MUNO; SASP;
Gene ID	151516
mRNA Refseq	NM_152792
Protein Refseq	NP_690005
MIM	611765
UniProt ID	Q53RT3
Chromosome Location	2p13.3

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Function

aspartic-type endopeptidase activity; peptidase activity;

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