

Product datasheet for **SC124005**

ASPRV1 (NM_152792) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASPRV1 (NM_152792) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASPRV1
Synonyms:	ADLI; MUNO; SASP; SASPase; Taps
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124005 sequence for NM_152792 edited (data generated by NextGen Sequencing)

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ATGGGGAGCCCGAGGGCCAGCCTAGGCATCAAAAAGGCTCTGCAGAGTGAACAGGCCACA
GCACTGCCTGCCTCTGCCCCAGCAGTCAGCCAGCCGACCGCGCCTGCTCCCTCCTGCTTG
CCCAAGGCCGGGCAAGTCATCCCRCTCTGCTTCGAGAGGCCCGTTTTCCAGCGTGATT
GCGCCGACACTGCTCTGTGGTTTTCTTCTTGGCGTGGGTTGCTGCTGAGGTTCCAGAG
GAGAGCAGCAGGATGGCCGGGAGCGGAGCCAGGAGTGAGGAAGGCCGCCGCGCAGCATGCC
TTCGTCCCGAACCTTTTGATGGGGCCAATGTCGTCCCAAACCTCTGGCTGCACAGCTTT
GAAGTCATCAATGACCTCAACCATTGGGACCATATCACCAAGCTAAGGTTCTGAAAGAG
TCCCTCAGAGGAGAGGCCCTGGGTGTCTACAATAGGCTCAGTCCCAGGACCAGGGAGAC
TATGGGACTGTGAAAGAGGCCCTCCTGAAGGCCTTTGGGGTCCCTGGGGCTGCCCCAGC
CACCTGCCCAAAGAGATCGTCTTTGCCAACAGCATGGGTAAAGGGCTACTATCTCAAGGGG
AAGATTGGCAAAGTGCCCGTGAGGTTCCCTGGTGGACTCTGGGGCCAGGTCTCTGTGGTC
CACCCAACTTGTGGGAGGAGGTCATGATGGCGATCTGGACACCTGCAGCCCTTTGAG
AATGTGGTAAAGGTGGCCAATGGTGCTGAAATGAAGATCCTGGGTGTCTGGGATACAGCG
GTGTCCCTAGGCAAGCTGAAGCTGAAGGCACAGTTCTAGTGGCCAATGCGAGTGGCCGAG
GAAGCCATCATTGGCACTGATGTGCTCCAGGACCACAATGCTATCCTGGACTTTGAGCAC
CGCACATGCACCCTGAAAGGGAAGAAGTTTCGCCTTCTGCCTGTGGGAGGGTCCCTGGAA
GATGAGTTTGACCTGGAGCTCATAGAGGAGGACCCCTCCTCAGAAGAAGGGCGGCAGGAG
CTATCCCACTGA

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Clone variation with respect to NM_152792.2
145 a=>r



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_152792 unedited TTCCAGGCCAGGAGAGGCACTGGGGAGGGGTCACAGGGATGCCACCCGGGATCTGTTCAG GAAACAGCTATGACCCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTCCAT GAATCAATCTTTATTGGTGTTCGAGCAATTGAATTATTGGCATAAGGCACAATGGGCTT CAAAGCAAATGACAGAAAGAAAATACGATTGTACAGGTGAAAGGCTCTTCAGGGAGGTG TCCCAGAGCAACTGTGACCCTCACAAAGACCCTGCAACCTAGGACCCAGCCCAACTAAGA CAGGCTTTGAGGACCTGAGAGTGACCAAGCCATACCTCAGGGAATCTGAAGGGTCCCAC AGTTCTTTCAAAGACAAGCATTCTAGCTTCCTTGGGAGCTCTCCAGCCTTTGAGTCTT TGTCATCAACAGCAGCTTGATGACCATGGGGACCCTGTCCTCTAAGCCAGCCTGCTCTC CCTCACCTGTGCCTGTTCAAGTGAAGCCTCCCCTACCAGGGGAGATTAAGGCCCTGCA GAGGGAGGCAAAGGGGAGAGAAGAGCAAGAGTTGATAAGCAGACTGGCCAAGCCAGTGA CCCCATGAGGATATGCAACNCCCCACAGCGGTGGTCTTCCCACCAATATTTAGGAG GTTAAAGAACAGTGGGCTCTCAGTGGGATAGCTCCTGCCCNCTCTCTGAAGAGGGTC CTNCTTT
Restriction Sites:	NotI-NotI
ACCN:	NM_152792
Insert Size:	4500 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_152792.1</u> , <u>NP_690005.1</u>
RefSeq Size:	2168 bp
RefSeq ORF:	1032 bp
Locus ID:	151516
UniProt ID:	<u>Q53RT3</u>
Cytogenetics:	2p13.3
Protein Families:	Druggable Genome, Protease
Gene Summary:	Filaggrin is a structural protein that is crucial for in the development and maintenance of the skin barrier. This gene encodes a retroviral-like protease involved in profilaggrin-to-filaggrin processing. Expression is found primarily in the epidermis and inner root sheath of hair follicles. [provided by RefSeq, May 2017]