

Channel Activating Protease 1 (CAP1) Recombinant Protein | CAP1 recombinant protein

Recombinant Channel Activating Protease 1 (CAP1)

CATALOG # AAA162010	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Channel Activating Protease 1 (CAP1); Recombinant Channel Activating Protease 1 (CAP1); Channel Activating Protease 1; CAP1 recombinant protein (prokaryotic); Mouse; PRSS8; Prostasin; Protease; Serine 84; CAP1 recombinant protein

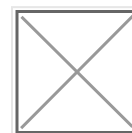
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence	Gly72~Gly3 30
Applicable Applications for CAP1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Species	Mouse
Expression System	Prokaryotic expression
Tag	N-terminal His and GST Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.9
Subcellular Location	Secreted, Extracellular matrix
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months

IMAGES



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure. Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for CAP1 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13633203
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NCBI GeneID	76560
UniProt Accession #	Q9ESD1
Molecular Weight	36,729 Da
NCBI Official Full Name	Prostasin
NCBI Official Synonym Full Names	protease, serine 8 (prostasin)
NCBI Official Symbol	Prss8
NCBI Official Synonym Symbols	fr; CAP1; mCAP1; C79772; AI313909; 2410039E18Rik
NCBI Protein Information	prostasin; serine protease 8; channel activating protease 1; channel-activating protease 1; protease, serine, 8 (prostasin)
UniProt Protein Name	Prostasin
UniProt Gene Name	Prss8
UniProt Synonym Gene Names	Cap1; CAP1
UniProt Entry Name	PRSS8_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/prss8-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/162010>