

# Recombinant Human PCSK9 Protein (Arg29-Gln692), C-His-tagged

## Product Information

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<b>Cat</b>	IMP-7762
<b>Official Symbol</b>	Pcsk9
<b>Product Overview</b>	Purified recombinant protein of Human proprotein convertase subtilisin/kexin type 9 (PCSK9) with a C-His tag was expressed in CHO.
<b>Description</b>	<p>This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an autocatalytic processing event with its prosegment in the ER and is constitutively secreted as an inactive protease into the extracellular matrix and trans-Golgi network. It is expressed in liver, intestine and kidney tissues and escorts specific receptors for lysosomal degradation. It plays a role in cholesterol and fatty acid metabolism. Mutations in this gene have been associated with autosomal dominant familial hypercholesterolemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]</p>
<b>Expression System</b>	CHO
<b>Species</b>	Human
<b>Tag</b>	C-His
<b>Form</b>	25mM sodium Acetate, 150mM NaCl, pH5.0
<b>Molecular Mass</b>	73 kDa
<b>Protein length</b>	Arg29-Gln692
<b>Endotoxin</b>	< 1.0 EU/μg protein as determined by the LAL method
<b>Purity</b>	> 90% as determined by SDS-PAGE and Coomassie blue staining.
<b>Storage</b>	Store at -80 centigrade. Stability: Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
<b>Concentration</b>	lot specific