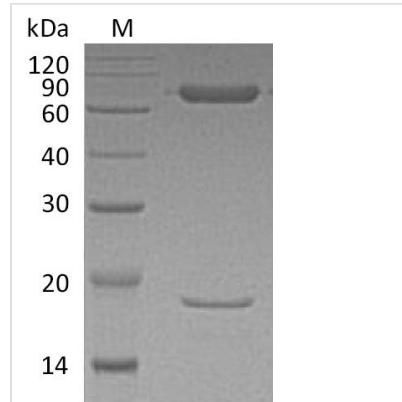




Recombinant Human Proprotein convertase subtilisin/kexin type 9 (PCSK9) (Active)

Product Code	CSB-AP005741HU
Uniprot No.	Q8NBP7
Form	Liquid
Storage Buffer	0.2 μm filtered 50 mM HEPES, 150 mM NaCl, 20% Glycerol, pH 7.4
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined by its ability to bind Human LDLR in functional ELISA is less than 200 ug/ml
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	<p>QEDEDGDYEELVLA LRSEEDGLAE APEHGTTATFHRC AKDPWRLPGTYVVVL KEETHLSQSERTARRLQAQAARRGYLTKILHVFHGLLP GFLVKMSGDLLELALK LPHVDYIEEDSSVFAQ & SIPWNLERITPPRYRADEYQPPDGGSLVEVYLLDTSI QSDHREIEGRVMVTD FENVPEEDGTRFHRQASKCD SHGTHLAGVVSGRDAG VAKGASMRLRVLN CQGKGTVSGTLIGLEFIRKSQ LVPVGPLVLLPLAGGY SRVLNAACQRLARAGVVLVTAAGNFRDDACLYSPASAPEVITVGATNAQDQP VTLGTLGTNFGRCVDL FAPGEDII GASSDCSTCFV SQSGTSQAAAHVAGIAAM MLSAEPELTLAELRQRLIHFS AKDVINEAWFPEDQRV LTPNLVAALPPSTHGAG WQLFCRTVWSAHSGPTRMATAIARCAPDEELLSCSSFSRSGKRRGERMEAQ GGKLVCRAHNAFGGEGVYAIARCCLLPQANCSVHTAPP AEASMGTRVHCHQ QGHVLTGCSSHWEVEDLGTHKPPVLRPRGQPNQCVGHREASIHASCCHAPG LECKVKEHGIPAPQEQT VACEEGWTLTGCSALPGTSHVLGAYAVDNTCVVR SRDVSTTGSTSEEAVTAVAICCRSRHLAQASQELQ</p>
Research Area	Cardiovascular
Source	Mammalian cell
Target Names	PCSK9
Expression Region	31-152aa & 153-692aa(V474I,G670E)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal Avi-tagged
Mol. Weight	14 & 59 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Endotoxin

Less than 1.0 EU/ μ g as determined by LAL method.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.