Recombinant Human PCSK9 Protein (Gln31-Gln692), C-His-tagged

Product Information

Cat	*IMP-7763*
Official Symbol	*PCSK9*
Product Overview	*Purified recombinant protein of Human proprotein convertase subtilisin/kexin type 9 (PCSK9), D374Y mutant with a C-His tag was expressed in HEK293.*
Description	*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]*
Expression System	*HEK293*
Species	*Human*
Tag	*C-His*
Form	*Supplied as a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 20% Glycerol, pH 7.4*
Molecular Mass	*84.78 kDa*
Protein length	*Gln31-Gln692*
Endotoxin	*< 0.1 ng/μg*
Purity	*> 95% as determined by SDS-PAGE and Coomassie blue staining*
Storage	*Store at -80 centigrade. Stability: Stable for at least 6 months from date of receipt under proper storage and handling conditions.*
Concentration	*lot specific*

45-1 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-559-9269 1-516-512-3133 E-mail: info@creative-biomart.com