

Recombinant Human PCSK9(Gln31-Gln692(Val474Ile,Gly670Glu)) Protein, C-Avi-tagged, Biotinylated

Cat. No. PCSK9-353H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human PCSK9(Q8NBP7)(Gln31-Gln692(Val474Ile,Gly670Glu)) Protein, fused with a Avi tag at the C-terminus, was produced in HEK293. The purified protein was biotinylated in vitro. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 31-692 a.a. |
| Form | Supplied as a 0.2 µm filtered solution of 50mM HEPES,150mM NaCl,20% Glycerol, pH 7.4. |
| Molecular Mass | The recombinant Human PCSK9 Protein has a predicted molecular mass of 14&59kDa, it migrates with an apparent molecular mass of 19&65kDa under reducing conditions. |
| AA Sequence | Gln31-Gln692(Val474Ile,Gly670Glu) |
| Endotoxin | < 0.01 EU per µg of the protein as determined by the LAL method. |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. |

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| Characteristic | The biotin to protein ratio is 0.5-1 as determined by the HABA assay. |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Concentration | Please refer to the COA for detailed information. |
| Shipping | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |
| Conjugation | Biotin |

GENE INFORMATION

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|------------------------|---|
| Gene Name | PCSK9 proprotein convertase subtilisin/kexin type 9 [Homo sapiens] |
| Official Symbol | PCSK9 |
| Synonyms | PCSK9; proprotein convertase subtilisin/kexin type 9; HCHOLA3, hypercholesterolemia, autosomal dominant 3; FH3; NARC 1; NARC1; NARC-1; HCHOLA3; |
| Gene ID | 353175 |
| MIM | 607786 |
| UniProt ID | Q8NBP7 |

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