

## Proprotein Convertase Subtilisin/Kexin Type 9 Human Recombinant

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| <b>Item Number</b>                       | rAP-4198  |
| <b>Synonyms</b>                          | Proprotein Convertase Subtilisin/Kexin Type 9, NARC1, Subtilisin/Kexin-Like Protease PC9, HCHOLA3, LDLCQ1, NARC-1, FH3, PC9, Convertase Subtilisin/Kexin Type 9 Preproprotein, Hypercholesterolemia, Autosomal Dominant 3, Neural Apoptosis Regulated Convertas   |
| <b>Description</b>                       | PCSK9 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Gln31-Gln692) containing a total of 671 amino acids, having a calculated molecular mass of 72.4kDa and fused to a 10 aa His tag at C-Terminus.  |
| <b>Uniprot Accesion Number</b>           | Q8NBP7  |
| <b>Amino Acid Sequence</b>               | QEDEDGDYEE LVLALRSEED GLAEAPEHGT TATFHRC AKD PWRLPGTYVV VLKEETHLSQ<br>SERTARRLQA QAARRGYLTK ILHVFHGLLP GFLVKMSGDL LELALKLPHV DYIEEDSSVF AQSIPWNLER<br>ITPPRYRADE YQPPDGGSLV EVYLLDTSIQ SDHREIEGRV MVTDFENVPE EDGTRFHRQA<br>SKCDSHGTHL AGVVSGRDAG VAKGASMRSL RVLNCQGKGT VSGTLIGLEF IRKSQLVQPV GPLVVLL-<br>PLA GGYSRVLNAA CQRLARAGVV LVTAAGNFRD DACLYSPASA PEVITVGATN AQDQPVTLGT<br>LGTNFGRCVD LFAPGEDIIG ASSDCSTCFV SQSGTSQAAA HVAGIAAMML SAEPELTLAE LRQLIHFSA |
| <b>Source</b>                            | HEK 293.  |
| <b>Physical Appearance and Stability</b> | Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.   |
| <b>Formulation and Purity</b>            | PCSK9 filtered (0.4µm) solution at a concentration of 0.25mg/ml in phosphate buffered saline and 20 % (w/v) glycerol. Greater than 95.0% as determined by SDS-PAGE.   |
| <b>Application</b>                       |   |
| <b>Solubility</b>                        |   |
| <b>Biological Activity</b>               |   |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**