

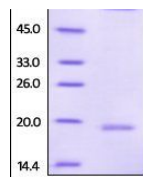
Product Datasheet

Human PCSK9 (D374Y) Protein (orb257745)

Description

Proprotein convertase subtilisin/kexin type 9 (PCSK9)

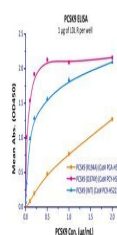
kDa M +



SDS-PAGE analysis of Human PCSK9 protein

Reactivity	Human
Endotoxins	1.0 EU per µg
Conjugation	Unconjugated
Target	PCSK9
Preservatives	PBS, pH7.4
Form/Appearance	Powder
Storage	-20°C
Tag	C-6×His
Note	For research use only

Application notes This protein carries a polyhistidine tag at the C-terminus. This protein undergoes autocatalytic cleavage to release the pro-peptide and mature chain. The pro-peptide and mature chain are associated through non-covalent interactions and with a calculated MW of 13.8 kDa and 58.2 kDa respectively. The protein migrates as 17 kDa and 66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. The D374Y mutation results in higher affinity of PCSK9 for LDLR.



Line graph illustrates about the sensi...

Protein Sequence	AAI66619.1 (D374Y)
Purity	90%
Source	Human PCSK9 (D374Y), His Tag (orb257745) is expressed from human 293 cells (HEK293). It contains AA Gln 31 - Gln 692 (Accession # Q8NBP7-1 (D374Y)).
MW	13.8 kDa and 58.2 kDa
NCBI	D374 , AAI66619.1
Expiration Date	6 months from date of receipt.