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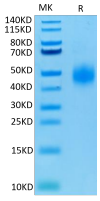
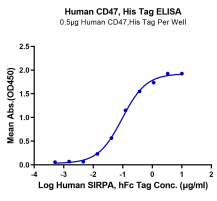
Recombinant human CD47 protein, C-His (HEK293)

Catalog Number:	bs-47066P
Concentration:	＞0.5 mg/ml
AA Seq:	19-139/323
Predicted MW:	33
Detected MW:	Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result.
Tags:	C-His
Activity:	Not tested
Endotoxin:	<1.0 EU/μg as determined by LAL
Purity:	>95% as determined by Tris-Bis PAGE
Purification:	AC
Form:	Lyophilized
Storage:	Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization. Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Background:	This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2010]

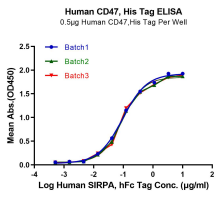
VALIDATION IMAGES



Human CD47 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



Immobilized Human CD47, His Tag at 0.5μg/ml (100μl/Well), dose response curve for Human SIRP alpha, Fc Tag with the EC50 of 95.0ng/ml determined by ELISA.



Immobilized Human CD47,His Tag at 5μg/ml (100μl/Well). Dose response curve for Human SIRPa,hFc Tag with the EC50 of 95.0/94.7/93.8ng/ml determined by ELISA.