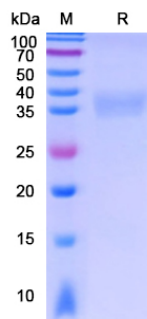


产品信息 (Product Details)

产品概述 (Summary)

产品名称 (Product name)	Recombinant 2019-nCoV S Protein RBD, C-His Tag (B.1.1.529/Omicron)
货号 (Catalog#)	ATMP02536COV
描述 (description)	Recombinant SARS-CoV-2 S Protein RBD [Arg319-Lys537](G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493K, G496S, Q498R, N501Y, Y505H) is produced by Mammalian cells expression system and the target gene is expressed with C Terminal His Tag. The exact sequence is proprietary.
表达系统 (Expression system)	Mammalian cells
种属 (Species)	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
Accession #	P0DTC2((G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493K, G496S, Q498R, N501Y, Y505H)
别名 (Alternative names)	Spike, S protein RBD, Spike glycoprotein Receptor-binding domain, S glycoprotein RBD, Spike protein RBD
预测分子量 (Predicted Molecular Mass)	27.80 kDa
实际分子量 (Actual Molecular Mass)	35kDa
纯度 (Purity)	>90% as determined by SDS-PAGE
内毒素 (Endotoxin level)	Please contact with the lab for this information
制剂 (Formulation)	Lyophilized. Lyophilized from PBS pH7.4, 1mM EDTA, 4% trehalose, 1% mannitol.
运输方式 (Shipping)	In general, proteins are shipped out with blue ice unless customers require otherwise.
稳定性&储存 (Stability & Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
复溶 (Reconstitution)	Reconstitute in sterile water for a stock solution.
应用 (Application)	Immunogen

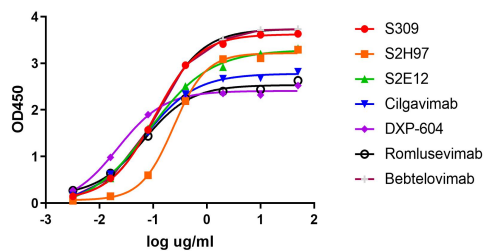
电泳图 (SDS-PAGE image)



活性 (Bioactivity)

	S309	S2H97	S2E12	Cilgavimab	DXP-604	Romlusevimab	Bebtelovimab
EC50	0.1051	0.2401	0.08479	0.06395	0.02177	0.06585	0.1121

Omicron RBD[319-537] binds with different antibodies



Note

For research use only .Not for use in clinical diagnostic procedures.