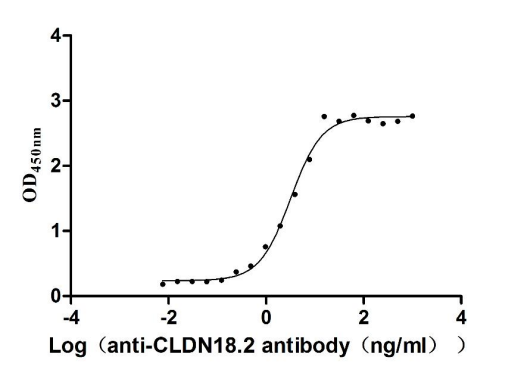
Active Recombinant Cynomolgus monkey CLDN18 Full Length Transmembrane protein, His-tagged

Cat. No. CLDN18-1021C **Lot. No.** (See product label)

SPECIFICATION

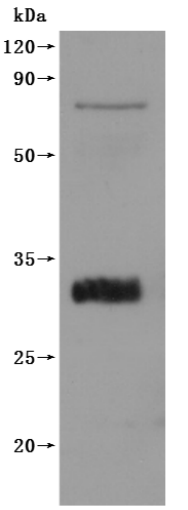
Product Overview	Recombinant Cynomolgus monkey CLDN18 protein(A0A2K5VV62)(1-261aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	1-261aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CLDN18 at 5 μg/ml can bind Anti-CLDN18.2 recombinant Antibody, the EC50 is 2.806-3.641 ng/ml.
Molecular Mass	28.7 kDa
AA Sequence	MAVTACQGLGFVVSLIGIAGIIAATCMDQWSTQDLYNNPVTAVFNYQGLWRSCVRE SSGFTECRGYFTLLGLPAMLQAVRALMIVGIVLGAIGLLVSIFALKCIRIGSMEDSAKA NMTLTSGIMFIVSGLCAIAGVSVFANMLVTNFWMSTANMYTGMGGMVQTVQTRYTF GAALFVGWVAGGLTLIGGVMMCIACRGLAPEETNYKAVSYHASGHSVAYKPGGFKA

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	STGFGSNTKNKKTYDGGAHTEDELQSYPSKHDYV
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
Activity	4 3 2 1 0 OD450nm -4 -2 0 2 4 Log（anti-CLDN18.2 antibody（ng/ml））

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