

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	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized <i>Macaca fascicularis</i> 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	<p>MAVTACQQLG FV VSLIGIAGIIAATCMDQWSTQDLYNNPVTAVFNYQGLWRSCVRE</p> <p>SSGFTECRGYFTLLGLPAMLQAVRALMIVGIVLGAIGLLVSIFALKCIRIGSMEDSAKA</p> <p>NMTLTSGIMFIVSGLCAIAGVSVFANMLVTNFWMSTANMYTGMGGMVQTVQTRYTF</p> <p>GAALFVGWVAGGLTLIGGVMMCIACRGLAPEETNYKAVSYHASGHSVAYKPGGFKA</p>

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STGFGSNTKNKKTYDGGHAHTEDELQSYPKHDYV

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

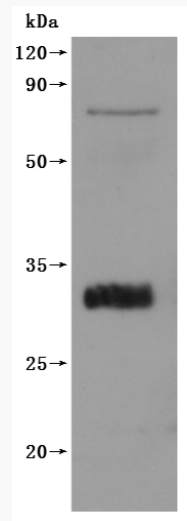
Storage

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.

SDS-PAGE

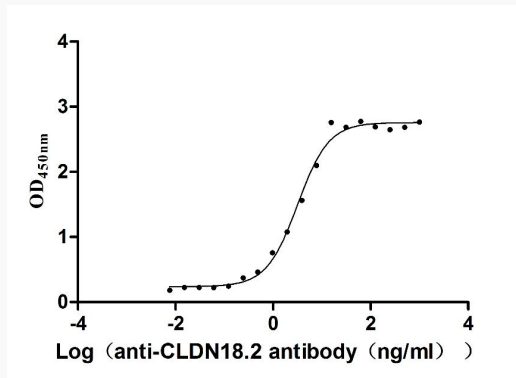


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