

Active Recombinant Mouse Cldn18 Full Length Transmembrane protein, His-tagged

Cat. No. Cldn18-019M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cldn18 protein(P56857)(1-264aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-264aa
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 Mouse Cldn18 at 5 µg/mL can bind Anti-CLDN18.2 recombinant antibody, the EC50 is 6.115-11.01 ng/mL.
Molecular Mass	29.1 kDa
AA Sequence	<p>MSVTACQQLGFVVSLLIGFAGIIAATCMDQWSTQDLYNNPVTAVFNYYQLWRSCVRE</p> <p>SSGFTECRGYFTLLGLPAMLQAVRALMIVGIVLGVIGILVSIFALKCIRIGSMDDSAKAK</p> <p>MTLTSGILFIISGICAIIGVSVFANMLVTNFWMSTANMYSMGGMGGMVQTVQTRYT</p> <p>FGAALFVGWVAGGLTLIGGVMMCIACRGLTPDDSNFKAVSYHASGQNVAYRPGGF</p>

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KASTGFGSNTRNKKIYDGGARTEDDEQSHPTKYDYV

Endotoxin

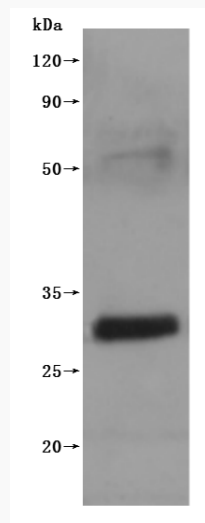
Less than 1.0 EU/ug as determined by LAL method.

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.

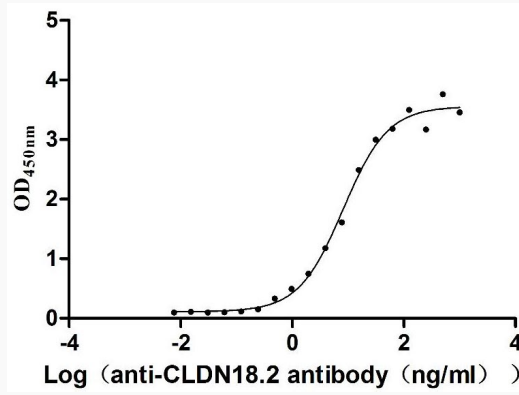
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