

Active Recombinant Human CLDN18.2 Full Length Transmembrane protein, His-tagged

Cat. No. CLDN18.2-1039H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN18.2 protein(P56856-2)(1-261aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
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 human CLDN18.2 at 5 µg/ml can bind anti-CLDN18.2 recombinant Monoclonal Antibody, the the EC50 is 5.225-9.256 ng/ml.
Molecular Mass	29.1 kDa
AA Sequence	MAVTACQGLGFVVSLLIGIAGIIAATCMDQWSTQDLNNPVTAVFNYQGLWRSCVRE SSGFTECRGYFTLLGLPAMLQAVRALMIVGIVLGAIGLLVSIFALKCIRIGSMEDSAKA NMTLTSGIMFIVSGLCAIAGVSVFANMLVTNFWMSTANMYTGMGGMVQTVQTRYTF GAALFVGWWAGGLTLIGGVMMCIACRGLAPEETNYKAVSYHASGHSVAYKPGGFKA

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STGFGSNTKNKKIYDGGARTEDEVQSYPSKHDYV

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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