

CASR VHH-FC

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货号: 26203

规格: 100 μ L

基因符号: CaSR

描述: CaSR VHH-FC (Recombinant monoclonal Nanobody, fused to Human Fc)

背景: Calcium-sensing receptor (CaSR) is a bioreceptor for various signaling molecules such as calcium ions (Ca^{2+}). It is located on the surface of the cell membrane and belongs to the C-type G protein-coupled receptor family. CaSR mainly couples the intracellular Gq/11 class G protein signaling pathway, inducing the accumulation of phosphoinositide and endoplasmic reticulum Ca^{2+} release and other cellular physiological behaviors. CaSR can maintain calcium ion homeostasis in the body by controlling the secretion of parathyroid hormone and participates in various physiological processes such as bone metabolism.

This product is a CaSR nanobody with high specificity and high affinity. It recognizes the extracellular structural region of CaSR and can be used in CaSR expression detection and immunoprecipitation experiments. It is a good CaSR detection tool.

经过测试的应用: Flow cytometry staining, immunostaining and Elisa, IP, Co-IP, IHC

Dilution: 1:500

Molecular Weight: 90 kD

种属反应性: Human, Rat

形式: Liquid

Tag: His

成分: PBS, 40% Glycerol, 0.03% proclin300

Species: Human, Rat

储存条件: Store at 4 $^{\circ}$ C, 6 months; -20 $^{\circ}$ C, 2 years



Figure1. ELISA Analysis of Human CaSR with CaSR antibody at 1/500 dilution



Figure 3. Flow cytometry analysis with CaSR antibody at 1/500 dilution on HEK293 cells overexpress human CaSR.



Figure2. Figure1. ELISA Analysis of Rat CaSR with CaSR antibody at 1/500 dilution



Figure 4. Flow cytometry analysis with CaSR antibody at 1/500 dilution on HEK293 cells overexpress rat CaSR.