

OSMR beta Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P700806
Synonyms:	IL-31R subunit beta; IL-31R-beta; IL-31RB; OSMR beta; OSMR; OSMRB; OSMRBMGC150626; PLCA1 ; IL-31R subunit β; IL-31R-β; OSMR β
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A2K5UFW5 (E28-S737)
Gene ID:	102135082
Molecular Weight:	110-130 kDa

PROPERTIES

Biological Activity	Immobilized Cynomolgus OSMR, His Tag at 2μg/ml (100μl/well) on the plate. Dose response curve for Anti-OSMR Antibody, hFc Tag with the EC ₅₀ of 7.1ng/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The OSMR beta protein belongs to the type I cytokine receptor family, specifically the type 2 subfamily. This protein plays a significant role in cellular signaling and immune responses. It acts as a receptor for oncostatin M, a cytokine involved in various biological processes such as inflammation, cell growth, and differentiation. The OSMR beta protein is essential for the activation of downstream signaling pathways and the regulation of cellular functions. Understanding the function and regulation of OSMR beta protein can provide valuable insights into the development of therapeutic strategies for diseases involving dysregulation of cytokine signaling or immune responses.
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Caution: Product has not been fully validated for medical applications. For research use only.

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