

OSMR beta Protein, Mouse (HEK293, His)

Cat. No.:	HY-P78333
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:	Mouse
Source:	HEK293
Accession:	O70458 (E24-M737)
Gene ID:	18414
Molecular Weight:	115-140 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from 0.22 μ m filtered solution in PBS pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/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 associates with IL31RA to form the IL31 receptor. It binds IL31, triggering the activation of STAT3, and possibly STAT1 and STAT5 (By similarity). Additionally, OSMR beta is capable of transducing OSM-specific signaling events (By similarity). It forms a heterodimer with IL6ST, constituting the type II OSM receptor, and another heterodimer with IL31RA to shape the IL31 receptor.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA