

Human Oncostatin-M/OSM protein (Recombinant) (C-His) (STJP002902)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

PRODUCT PROPERTIES

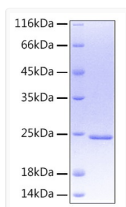
Formulation	Lyophilised from a 0.22 M filtered solution of 20mM Tris, 150mM NaCl, 5% Glycerol, pH 7.4.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

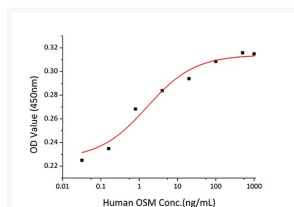
Gene ID	5008
Gene Symbol	OSM
UniProt ID	ONCM_HUMAN
Immunogen Region	Ala26-Arg221
Immunogen Sequence	AGPAAAVLRELRCVCLQTTQ GVHPKMISNLQVFAIGPQCS KVEVVASLKNKGKEICLDPEA PFLKKVIQKILDGGNKEN

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Active Recombinant Human Oncostatin-M/OSM Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 24 kDa.



Recombinant Human OSM promotes the proliferation of TF-1 human erythroleukemic cells. The ED₅₀ for this effect is typically 0.8-3.2 ng/mL, corresponding to a specific activity of 3.12 × 10⁵ units/mg.