

Active Recombinant Human TREM2 Protein, His-tagged

Cat. No. TREM2-04H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TREM2 Protein(Q9NZC2-1)(His19-Ser174) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	19-174 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human TREM2, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-TREM2 Antibody, hFc Tag with the EC50 of 18.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.5 kDa. Due to glycosylation, the protein migrates to 28-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	Dissolve the lyophilized protein in distilled water.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_061838.1
Unit ID	Q9NZC2
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/Q9NZC2

GENE INFORMATION

Gene Name	TREM2 triggering receptor expressed on myeloid cells 2 [Homo sapiens]
Official Symbol	TREM2
Synonyms	TREM2; triggering receptor expressed on myeloid cells 2; triggering receptor expressed on myeloid cells 2a; TREM 2; Trem2a; Trem2b; Trem2c; triggering receptor expressed on monocytes 2; TREM-2;
Gene ID	54209
mRNA Refseq	NM_018965
protein Refseq	NP_061838
MIM	605086

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA