

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Recombinant Human Triggering receptor expressed on myeloid cells 2 (TREM2), partial (Active) BYT-ORB1096333

Article Name	Recombinant Human Triggering receptor expressed on myeloid cells 2 (TREM2), partial (Active)
Biozol Catalog Number	BYT-ORB1096333
Supplier Catalog Number	orb1096333
Alternative Catalog Number	BYT-ORB1096333-20,BYT-ORB1096333-100,BYT-ORB1096333-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Human Triggering receptor expressed on myeloid cells 2 (TREM2), partial spans the amino acid sequence from region 19-174aa. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	22.5 kDa
UniProt	<a href="#">Q9NZC2</a>
Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Source	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Form	Lyophilized powder

Sequence	HNTTVFQGVAGQSLQVSCP YDSMKHWGRRKAWCRQLGEKGPCQRVVSTH NLWLLSFLRRWNGSTAITDDTLGGTLTITLRNLQPHDAGLYQCQSLHGSEAD TLRKVLVEVLADPLDHRDAGDLWFPGESESFEDAHVEHSISRSLLEGEIPFPPT S
Application Notes	<p>Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Human TREM2 at 2 µg/mL can bind Anti-TREM2 recombinant antibody (CSB-RA024405MA5HU). The EC50 is 1.145-1.358 ng/mL.</p> <p>② TREM2 Recombinant Monoclonal Antibody (CSB-RA024405MA5HU) captured on Protein A Chip can bind Recombinant Human TREM2 with an affinity constant of 0.146 nM as detected by TREM2aSPR Assay (WeSPRTM 200).</p> <p>Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference</p>