

Datasheet for ABIN7596703

Camello-Like 2 Protein (CML2) (DYKDDDDK Tag, Strep Tag)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	Camello-Like 2 (CML2)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This Camello-Like 2 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	Cryogenic electron microscopy (cryo-EM), ELISA, Immunogen (Imm), Phage Display (PhD), Surface Plasmon Resonance (SPR)

Product Details

Purpose:	Human CML2-Strep full length protein-synthetic nanodisc
----------	---

Target Details

Target:	Camello-Like 2 (CML2)
Alternative Name:	CML2
Background:	<p>GPR1</p> <p>Receptor for the inflammation-associated leukocyte chemoattractant chemerin/RARRES2 suggesting a role for this receptor in the regulation of inflammation (PubMed:18165312).</p> <p>Receptor for TFA1, mediates its effects on neuronal stem-cell proliferation and differentiation via the activation of ROCK/ERK and ROCK/STAT3 signaling pathway (By similarity).[UniProtKB/Swiss-Prot Function]</p>

Target Details

Molecular Weight: The human full length CML2-Strep protein has a MW of 41.4 kDa

UniProt: [P46091](#)

Application Details

Comment: Advantages:

- Highly purified membrane proteins
- High solubility in aqueous solutions
- High stability
- Proteins are in a native membrane environment and remain biologically active
- No detergent and can be used for cell-based assays
- No MSP backbone proteins
- Mammalian cell expression system ensures post- translational modifications

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months