

Datasheet for ABIN7596840

NMUR2 Protein (DYKDDDDK Tag, Strep Tag)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	NMUR2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This NMUR2 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM)

Product Details

Purpose:	Human NMUR2-Strep full length protein-synthetic nanodisc
----------	--

Target Details

Target:	NMUR2
Alternative Name:	NMUR2 (NMUR2 Products)
Background:	<p>FM-4, FM4, NMU-R2, NMU2R, TGR-1, TGR1</p> <p>This gene encodes a protein from the G-protein coupled receptor 1 family. This protein is a receptor for neuromedin U, which is a neuropeptide that is widely distributed in the gut and central nervous system. This receptor plays an important role in the regulation of food intake and body weight. [provided by RefSeq, Jul 2008]</p>
Molecular Weight:	The human full length NMUR2-Strep protein has a MW of 47.7 kDa

Target Details

UniProt:	Q9GZQ4
Pathways:	Feeding Behaviour

Application Details

Comment:	<div>Advantages:</div> <ul style="list-style-type: none">• 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:	<p>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).</p> <p>Lyophilized proteins are shipped at ambient temperature.</p>
Expiry Date:	12 months