

Datasheet for ABIN7597393

TACR1 Protein (AA 1-31) (Fc Tag)



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Overview

Quantity:	10 µg
Target:	TACR1
Protein Characteristics:	AA 1-31
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TACR1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human NK1R Protein with C-terminal human Fc tag
Sequence:	NK1R(Met1-Gln31) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TACR1
Alternative Name:	NK1R (TACR1 Products)
Background:	SPR, TACR1, NKIR, TAC1R This gene belongs to a gene family of tachykinin receptors. These tachykinin receptors are characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin substance P, also referred to as

Target Details

	neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P. [provided by RefSeq, Sep 2008]
Molecular Weight:	predicted molecular mass of 29.6 kDa after removal of the signal peptide.
UniProt:	P25103
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones , Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: • Immunogens for antibody drug development • Reagents used for CAR-T positive cell monitoring • Reagents for antibody screening and functional testing • Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. 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