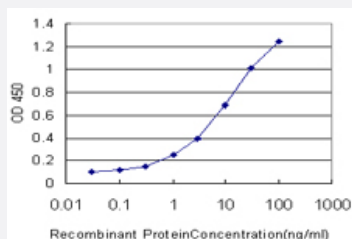


TACR1 monoclonal antibody (M10), clone 1F7

Catalog # H00006869-M10

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TACR1 is approximately 0.1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TACR1.
Immunogen	TACR1 (NP_001049, 140 a.a. ~ 243 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PRLSATATKVVICVMVLALLLAFPQGYSTTETMPSRVVCMI EWPEHPNKIYEKVYHICVTVLIYFLP LLVIGYAYTVVGITLWASEIPGDSSDRYHEQVSAK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TACR1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TACR1

Entrez GeneID [6869](#)

GeneBank Accession# [NM_001058](#)

Protein Accession# [NP_001049](#)

Gene Name TACR1

Gene Alias NK1R, NKIR, SPR, TAC1R

Gene Description tachykinin receptor 1

Omim ID [162323](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P. [provided by RefSeq]

Other Designations NK-1 receptor|neurokinin 1 receptor|tachykinin 1 receptor (substance P receptor, neurokinin 1 receptor)|tachykinin receptor 1 (substance P receptor; neurokinin-1 receptor)

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Chronic Disease](#)
- [Constipation](#)
- [Cough](#)
- [Endometriosis](#)
- [Fibromyalgia](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Nausea](#)
- [Pain](#)
- [Panic Disorder](#)
- [Pregnancy Complications](#)
- [Radius Fractures](#)
- [Recurrence](#)
- [Reflex Sympathetic Dystrophy](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)