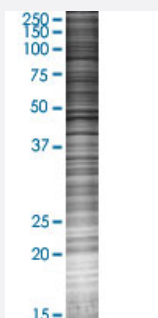


TAC1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006863-T04

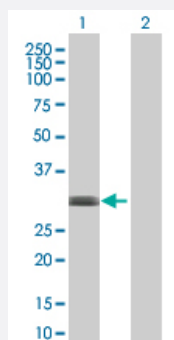
Size 100 uL

Applications



SDS-PAGE Gel

TAC1 transfected lysate.



Western Blot

Lane 1: TAC1 transfected lysate (15 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-TAC1 full-length

Host Human

Theoretical MW (kDa) 15

Quality Control Testing Transient overexpression cell lysate was tested with Anti-TAC1 antibody ([H00006863-B02](#)) by Western Blots.
SDS-PAGE Gel
TAC1 transfected lysate.
Western Blot
Lane 1: TAC1 transfected lysate (15 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TAC1

Entrez GeneID	6863
GeneBank Accession#	NM_003182
Protein Accession#	NP_003173
Gene Name	TAC1
Gene Alias	Hs.2563, NK2, NKNA, NPK, TAC2
Gene Description	tachykinin, precursor 1
Omim ID	162320
Gene Ontology	Hyperlink

Gene Summary	This gene encodes four products of the tachykinin peptide hormone family, substance P and neurokinin A, as well as the related peptides, neuropeptide K and neuropeptide gamma. These hormones are thought to function as neurotransmitters which interact with nerve receptors and smooth muscle cells. They are known to induce behavioral responses and function as vasodilators and secretagogues. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
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Other Designations	neurokinin 1 neurokinin 2 neurokinin A neurokinin alpha neuromedin L neuropeptide K neuropeptide gamma substance K substance P tachykinin 1 tachykinin 2 tachykinin, precursor 1 (substance K, substance P, neurokinin 1, neurokinin 2, neuromedin L, neurokinin)
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Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Anorexia Nervosa](#)
- [Asperger Syndrome](#)
- [Asthma](#)
- [Autistic Disorder](#)
- [Bronchiolitis](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Constipation](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Low Back Pain](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Pain](#)
- [Radius Fractures](#)
- [Reflex Sympathetic Dystrophy](#)
- [Respiratory Syncytial Virus Infections](#)
- [Schizophrenia](#)

- [Sciatica](#)
- [Social Perception](#)