

Datasheet for ABIN5854756

**Neurotensin Protein (NTS) (AA 24-148) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	Neurotensin (NTS)
Protein Characteristics:	AA 24-148
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neurotensin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPSDSEEEM KALEADFLTN MHTSKISKAH VPSWKMTLLN VCSLVNNLNS PAEETGEVHE EELVARRKLP TALDGFSLA MLTIYQLHKI CHSRAFAQHWE LIQEDILDTG NDKNGKEEVI KRKIPYILHH HHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

Target:	Neurotensin (NTS)
Alternative Name:	NTS ( <a href="#">NTS Products</a> )
Background:	NTS, as known as neurotensin/neuromedin N preproprotein, is a secreted tridecapeptide, which is widely distributed throughout the central nervous system, and may function as a

## Target Details

neurotransmitter or a neuromodulator. It may be involved in dopamine-associated pathophysiological events, in the maintenance of gut structure and function, and in the regulation of fat metabolism. Neurotensin also exhibits antimicrobial activity against bacteria and fungi. Recombinant human NTS, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight:	15.4kDa (134aa) 13.5-18kDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	<a href="#">NP_006174</a>
UniProt:	<a href="#">P30990</a>

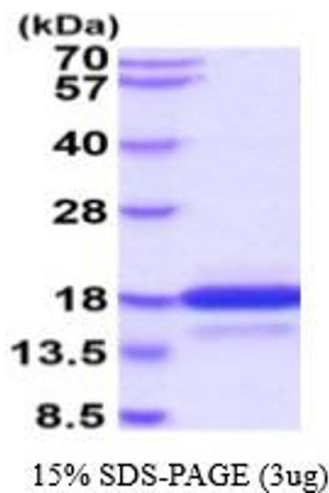
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

## Images



SDS-PAGE

Image 1.