

Recombinant Human Protachykinin-1/TAC1 Protein (His Tag)

Catalog Number: PKSH032951

Note: Centrifuge before opening to ensure complete recovery of vial contents.

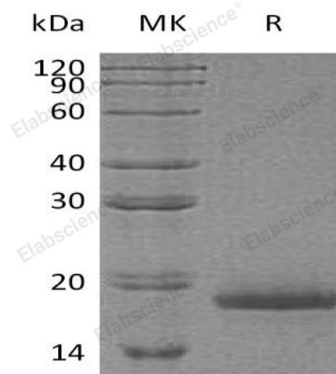
Description

Species	Human
Source	E.coli-derived Human Protachykinin-1;TAC1 protein Glu20-Arg129, with an N-terminal His
Calculated MW	15.2 kDa
Observed MW	14-18 kDa
Accession	P20366
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, 2M Urea, 1mM EDTA, pH 8.0.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Protachykinin-1(TAC1) is a secreted protein and belongs to the tachykinin family. TAC1 is encoded by the TAC1 gene. 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.