

HUMAN ANTXR1 PROTEIN, HIS TAG

货号: 11412

产品全名: 人 ANTXR1 蛋白

规格: 10/50/100 µg

基因符号 ATR;GAPO;TEM8

目标蛋白: ANTXR1

UNIPROT ID: Q9H6X2

描述: Recombinant human ANTXR1 protein with C-terminal 6xHis tag

背景: This gene encodes a type I transmembrane protein and is a tumor-specific endothelial marker that has been implicated in colorectal cancer. The encoded protein has been shown to also be a docking protein or receptor for Bacillus anthracis toxin, the causative agent of the disease, anthrax. The binding of the protective antigen (PA) component, of the tripartite anthrax toxin, to this receptor protein mediates delivery of toxin components to the cytosol of cells. Once inside the cell, the other two components of anthrax toxin, edema factor (EF) and lethal factor (LF) disrupt normal cellular processes. Three alternatively spliced variants that encode different protein isoforms have been described. [provided by RefSeq, Oct 2008]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 33.2 kDa after removal of the signal peptide. The apparent molecular mass of ANTXR1-His is approximately 35-55 kDa due to glycosylation.

分子特征: ANTXR1(Glu33-Ser321) 6xHis tag

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.

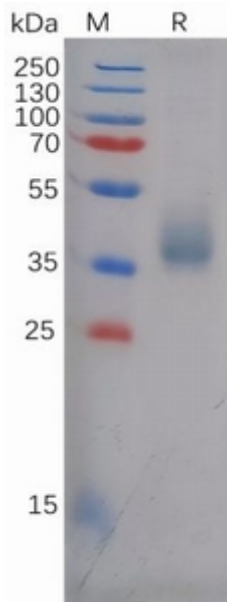


Figure 1. Human ANTXR1 Protein, His Tag on SDS-PAGE under reducing condition.