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32-17666: Recombinant Human ANTXR1 Protein, His Tag

Uniprot ID : Q9H6X2
Alternative Name : ATR, GAPO, TEM8

Description

Molecular Characterization: ANTXR1(Glu33-Ser321) 6Ã—His tag
Molecular weight: 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.
Description: Recombinant human ANTXR1 protein with C-terminal 6Ã—His tag
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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.