Datasheet for ABIN6387780

ANTXR2 Protein (AA 32-318) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	ANTXR2
Protein Characteristics:	AA 32-318
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANTXR2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QAQEQPSCKK AFDLYFVLDK SGSVANNWIE IYNFVHQLTE RFVSPEMRLS FIVFSSQATI ILPLTGDRYK IGKGLEDLKA VKPVGETYIH EGLKLANEQI QNAGGLKASS IIIALTDGKL DGLVPSYAEN EAKKSRSLGA SVYCVGVLDF EQAQLERIAD SKDQVFPVKG GFQALKGIIN SILAQSCTEI LELSPSSVCV GEKFQVVLTG RAVTSISHDG SVLCTFTANS TYTKSEKPVS IQPSSILCPA PVLNKDGETL EVSISYNDGK SAVSRSLTIT ATECTNGLEH HHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	ANTXR2
Alternative Name:	Antxr2 (ANTXR2 Products)

Target Details

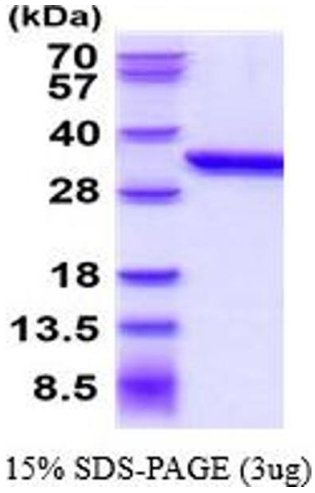
Background:	ANTXR2, also known as anthrax toxin receptor 2, is a widely expressed anthrax toxin receptor family protein. The main functional domain of this protein is an extracellular integrinlike von Willebrand factor type A (VWA) domain with a metal ion dependent adhesion site, through which it adheres selectively to collagen type IV and laminin. This protein and the related protein ATR/TEM8 serve as receptors for the protective antigen of Bacillus anthracis. Recombinant mouse ANTXR2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	31.9kDa (295aa) 28-40KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_598499
UniProt:	Q6DFX2

Application Details

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

Handling

Format:	Liquid
Concentration:	0.5 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.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.