

Recombinant Mouse Antxr2 Protein, His-tagged

Cat. No. Antxr2-45M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse ANT XR2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
Description	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.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	31.9kDa (295aa)28-40KDa (SDS–PAGE under reducing conditions.)
AA Sequence	QAQEQPSCKK AFDLYFVLDK SGSVANNWIE IYNFVHQLTE RFVSPERMRLS FIVFSSQATI ILPLTGDRYK IGKGLEDLKA VKPVGETYIH EGLKLANEQI QNAGGLKASS IIIALTDGKL DGLVPSYAEN EAKKSRLGA SVYCVGVLDLF EQAQLERIAAD SKDQVFPVKG GFQALKGIIN SILAQSCTEI LELSPSSVCV GEKFQVLTG RAVTSISHDG SVLCTFTANS TYTKSEKPVV IQPSSILCPA PVLNKDGETL EVSISYNDGK SAVSRSLTIT ATECTNGLEH HHHHH

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Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>95% by SDS - PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20Centigrade or -70Centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)
GENE INFORMATION	
Gene Name	Antxr2 anthrax toxin receptor 2 [Mus musculus]
Official Symbol	Antxr2
Synonyms	ANTXR2; anthrax toxin receptor 2; CMG2; CMG-2; cl-35; AW561899; 2310046B19Rik;
Gene ID	71914
mRNA Refseq	NM_133738
Protein Refseq	NP_598499
MIM	
UniProt ID	
Function	metal ion binding; receptor activity;

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