
Product Data Sheet

Product Name: ANTXR2 Mouse
 Cat. No.: GP22725
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 Insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Anthrax toxin receptor 2; Antxr2.		
Amino Acid Sequence	QAQEQPSCKK AFDLYFVLDKSGSVANNWIE IYNFVHQLTE RFVSPERMRLS FIVFSSQATI ILPLTGDRYK IGKGLDLKA VKPVGETYIHEGLKLANEQI QNAGGLKASS IIIALTDGKL DGLVPSYAEN EAKKSRSLGA SVYCVGVLDLDF EQAQLERIADSKDQVFPVKG GFQALKGIIN SILAQSCTEI LELSPSSVVCV GEKFQVVLTG RAVTSISHDG SVLCTFTANSTYTKSEKPVS IQPSSILCPA PVLNKDGETL EVSISYNDGK SAVSRSLTIT ATECTNGLEH HHHHH.		
Formulation	ANTXR2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

Anthrax toxin receptor 2, also known as ANTXR2, takes part in the configuration of little blood vessels (capillaries). ANTXR2 helps the toxin that leads to anthrax to attach to cells and trigger illness. ANTXR2 is necessary for cellular interactions with laminin and the extracellular matrix.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

ANTXR2 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 295 amino acids (32-318aa) and having a molecular mass of 31.9kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). ANTXR2 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA