

Recombinant Rat Perforin-1(Prf1),partial

Catalog No: #AP70660

Package Size: #AP70660-1 20ug #AP70660-2 100ug #AP70660-3 1mg

Description

Product Name	Recombinant Rat Perforin-1(Prf1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:25-554aaSequence Info:Partial
Other Names	Cytolysin;Lymphocyte pore-forming protein
Accession No.	P35763
Calculated MW	62.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ATRSECKQNHKFPVPGVWAAGEGVDVTLRRSSSFVNTGKFLRPDRTCTLCKNALMNDGIQRLPVAIAHWRP HGSHCQRNVATTKVSSTEGVAREAAANINNDWRAGLDVNPKEANVHVS VAGSHSKIANFAAEKAHQDQYN FNTDTVECRMYSFRLAQKPLHPDFRKALKNLPHNFNSSTE HAYRRLISSYGFHITAVDLGGRVSVLTALRTC QLTLDGLTADDEVGDCLSV EAQVSIGAQASVSSEYKACEEKKKQHKIATSFHQTYRERHVEVLGGPLDSSNDLL FGNQATPEHFSTWIASLPTRPDVVDYSLEPLHILLESDPKREALRQAISHYVMSRARWRDCNRPCRAGQHK SSRDSCQCVCQDSNVTNQDCCPRQRGLAKLMVRNFQAKGLWGDYITSTDAYLKVFVGGQEIRTVGVWNNN HPSWSDKMDFGNVLLSTGGPLRVQVWDADNGWDDLLGTCDKSPKSGFHEVNCPLNHGSIKFIYQANCLPD LTGETCLEYAPQGLLGDPGRNRS GAVW
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Plays a key role in secretory granule-dependent cell death, and in defense against virus-infected or neoplastic cells. Can insert into the mbrane of target cells in its calcium-bound form, oligomerize and form large pores. Promotes cytolysis and apoptosis of target cells by facilitating the uptake of cytotoxic granzymes.

References

Molecular cloning of rat cytolysin.Ishikawa H., Shinkai Y., Yagita H., Yue C.C., Henkart P.A., Sawada S., Young H.A., Reynolds C.W., Okumura K.J. Immunol. 143:3069-3073(1989) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.