

Recombinant *Macaca fascicularis* (Crab-eating macaque) (*Cynomolgus* monkey) IgG receptor FcRn large subunit p51

Catalog No: #AP71475

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Package Size: #AP71475-1 20ug #AP71475-2 100ug #AP71475-3 1mg

Description

Product Name	Recombinant <i>Macaca fascicularis</i> (Crab-eating macaque) (<i>Cynomolgus</i> monkey) IgG receptor FcRn large subunit p51
Brief Description	Recombinant Protein
Host Species	<i>E.coli</i>
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-297aaSequence Info:Extracellular Domain
Other Names	IgG Fc fragment receptor transporter alpha chainNeonatal Fc receptor
Accession No.	Q8SPV9
Uniprot	Q8SPV9
GeneID	102128913;
Calculated MW	46.4 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AESHLSLLYHLTAVSSPAPGTPAFVWVSGWLGPPQYLSYDSLRLGQAIEPCGAWVWENQVSWYWEKETDLRI KEKLFLEAFKALGGKGPYTLQGLLGCELSPDNTSVPTAKFALNGEEFMNFDLKQGTWGGDWPEALAIQRW QQQDKAANKELTFLFSCPHRLREHLERGRGNLEWKEPPSMRLKARPGNPGFSVLTCSAFSFPPELQLRFL RNGMAAGTGQDGFNPNSDGSFHASSSLTVKSGDEHHYCCIVQHAGLAQPLRVELETPAKSS
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

Binds to the Fc region of monomeric immunoglobulins gamma. Mediates the uptake of IgG from milk. Possible role in transfer of immunoglobulin G from mother to fetus .

References

Binding of human IgG to cynomolgus FcR.Namenuk A.K., Hong K., Meng Y.G., Shields R.L., Cromwell M.E.M., Presta L.G. Research Topic:Others

Note: This product is for in vitro research use only