

Recombinant Human Low affinity immunoglobulin epsilon Fc receptor(FCER2),partial

Catalog No: #AP70298

Package Size: #AP70298-1 20ug #AP70298-2 100ug #AP70298-3 1mg

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Description

Product Name	Recombinant Human Low affinity immunoglobulin epsilon Fc receptor(FCER2),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:48-321aaSequence Info:Extracellular Domain
Other Names	BLAST-2;C-type lectin domain family 4 member JFc-epsilon-RIIIImmunoglobulin E-binding factorLymphocyte IgE receptor; CD23
Accession No.	P06734
Calculated MW	47 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	DTTQSLKQLEERAARNVSQVSKNLESHHGDQMAQKSQSTQISQELEELRAEQRLKSQDLELSWNLNGLQA DLSSFKSQELNERNEASDLLERLREEVTKLRMELQVSSGFVCNTCPEKWINFQRKCYFYGKGTKQVWHARYA CDDMEGQLVSIHSPEEQDFLTKHASHTGSWIGLRNLDLKGFIWVDGSHVDYSNWAPGEPTSRSQGEDCVM MRGSGRWNDADFCDRLGAWVCDRLATCTPPASEGSAESMGPDSPDPDGRLPTPSAPLHS
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

Low-affinity receptor for immunoglobulin E (IgE) and CR2,CD21. Has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).

References

Mutations in the autoregulatory domain of beta-tubulin 4a cause hereditary dystonia.Hersheson J., Mencacci N.E., Davis M., Macdonald N., Trabzuni D., Ryten M., Pittman A., Paudel R., Kara E., Fawcett K., Plagnol V., Bhatia K.P., Medlar A.J., Stanescu H.C., Hardy J., Kleita R., Wood N.W., Houlden H.Ann. Neurol. 73:546-553(2013) Research Topic:Immunology

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