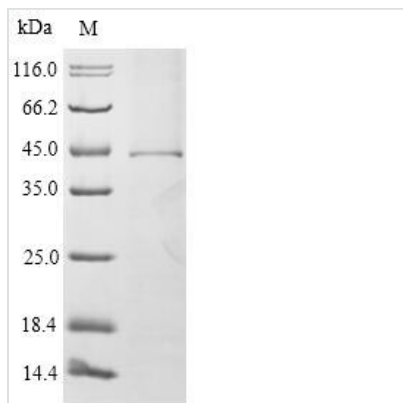




Recombinant Mouse High affinity immunoglobulin epsilon receptor subunit alpha (Fcer1a)

Product Code	CSB-CF008532MO
Relevance	Binds to the Fc region of immunoglobulins epsilon. High affinity receptor. Responsible for initiating the allergic response. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators (such as histamine) responsible for the manifestations of allergy. The same receptor also induces the secretion of important lymphokines.
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.
Uniprot No.	P20489
Product Type	Transmembrane Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ATEKSVLTLDPPWIRIFTGEKVTLS CYGNNHLQMNSTTKWIHNGTVSEVNSSH LVIVSATVQDSGKYICQKQGLFKSKPVYLNVTQDWLLQLTSADMVLVHGSFDIR CHGWKNWNVRKVIYYRNDHAFNYSYESPVSIREATLNDSGTYHCKGYLRQVK YESDKFRIAVVKAYKCKYYWLQLIFPLLVAIFAVDTGLLLSTEEQFKSVLEIQKT GKYKKVETELLT
Lead Time	3-7 business days
Research Area	Immunology
Source	in vitro E.coli expression system
Gene Names	Fcer1a
Protein Names	Fc-epsilon RI-alpha
Expression Region	24-250aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged
Mol. Weight	44.7kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.