

Datasheet for ABIN1473904

Fc epsilon RI/FCER1A Protein (AA 24-204) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Fc epsilon RI/FCER1A (FCER1A)
Protein Characteristics:	AA 24-204
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Fc epsilon RI/FCER1A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ATQKSVV SLDPPWIRIL TGDKVTLICN GNNSSQMNST KWIHNDISISN VKSSHWVIVS ATIQDSGKYI CQKQGFYKSK PVYLNVMQEW LLLQSSADV LDNGSFDIRC RSWKKWKVHK VIYYKDDIAF KYSYDSNNIS IRKATFND SG SYHCTGYLNK VECKSDKFSI AVVKDYTIEY RWLQ
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Fc epsilon RI/FCER1A (FCER1A)
Alternative Name:	High affinity immunoglobulin epsilon receptor subunit alpha (Fcer1a) (FCER1A Products)

Target Details

Background: Recommended name: High affinity immunoglobulin epsilon receptor subunit alpha.
Alternative name(s): Fc-epsilon RI-alpha.
Short name= FcERI IgE Fc receptor subunit alpha

UniProt: [P12371](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.
