

Product datasheet for **TP762639**

CD23 (FCER2) (NM_002002) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human Fc fragment of IgE, low affinity II, receptor for (CD23) (FCER2), transcript variant 1
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of FCER2
Tag:	N-GST and C-HIS
Predicted MW:	64.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001993
Locus ID:	2208
UniProt ID:	P06734
RefSeq Size:	1620
Cytogenetics:	19p13.2
RefSeq ORF:	963
Synonyms:	BLAST-2; CD23; CD23A; CLEC4J; FCE2; IGBF



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Summary:

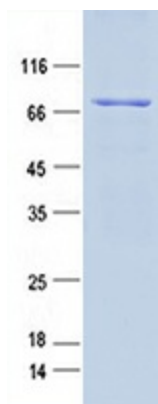
The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]

Protein Families:

Secreted Protein, Transmembrane

Protein Pathways:

Hematopoietic cell lineage

Product images:

Purified recombinant protein FCER2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.