Recombinant Mouse CR1L Protein (41-405 aa), His-tagged

Cat. No. CR1L-2324M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CR1L Protein (41-405 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Mouse
Source	E.coli
ProteinLength	41-405 aa
Description	Acts as a cofactor for complement factor I, a serine protease which protects autologous cells against complement-mediated injury by cleaving C3b and C4b deposited on host tissue. Also acts as a decay-accelerating factor, preventing the formation of C4b2a and C3bBb, the amplification convertases of the complement cascade. Plays a crucial role in early embryonic development by maintaining fetomaternal tolerance. Also acts as a costimulatory factor for T-cells which favors IL-4 secretion.
Form	Tris-based buffer,50% glycerol
Molecular Mass	44.5 kDa
AA Sequence	ELRGGLGKHGHTVHREPAVNRLCADSKRWSGLPVSAQRPFPMGHCPAPSQLPSA KPINLTDESMFPIGTYLLYECLPGYIKRQFSITCKQDSTWTSAEDKCIRKQCKTPSDP ENGLVHVHTGIQFGSRINYTCNQGYRLIGSSSAVCVITDQSVDWDTEAPICEWIPCEI

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	PPGIPNGDFFSSTREDFHYGMVVTYRCNTDARGKALFNLVGEPSLYCTSNDGEIGV WSGPPPQCIELNKCTPPPYVENAVMLSENRSLFSLRDIVEFRCHPGFIMKGASSVHC QSLNKWEPELPSCFKGVICRLPQEMSGFQKGLGMKKEYYYGENVTLECEDGYTLE GSSQSQCQSDGSWNPLLAKCVSRSISG
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	Cr1l complement component (3b/4b) receptor 1-like [Mus musculus (house mouse)]
Official Symbol	CR1L
Synonyms	Cr1l; Mcp; Crry; mCRY;
Gene ID	12946
mRNA Refseq	NM_013499
Protein Refseq	NP_038527

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UniProt ID	Q64735

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