

Product Datasheet

CR1L Protein, Mouse, Recombinant (His) (orb1977314)

Catalog Number	orb1977314
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. CR1L Protein, Mouse, Recombinant (His) is expressed in E. coli expression system with N-6xHis tag. The predicted molecular weight is 44.5 kDa and the accession number is Q64735.
Storage	-20°C
Tag	N-6xHis
Note	For research use only
Application notes	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Protein Sequence	ELRGGLGKHGHTVHREPAVNRLCADSKRWSGLPVSAQRPFPMGHCPAPSQLPSAKPINLT DESMFPIGTYLLYECLPGYIKRQFSITCKQDSTWTS AEDKCIRKQCKTPSPDENGVLHVHTGI QFGSRINYTCNQGYRLIGSSSAVCVITDQSV DWDTEAPICEWIPCEIPPGIPNGDFFSSTRED FHYGMVVTYRCNTDARGKALFNLVGEP SLYCTSNDGEIGVWSGPPPQCIELNKCTPPPYVE NAVMLSENRSLSLRDIVEFRCHPGFIMKGASSVHCQSLNKWEPELPSCFKGVICRLPQEMS GFQKGLGMKKEYYYGENVTLECEDGYTLEGSSQSQCQSDGSWNPLLAKCVSR SISG
Purity	98.00%
MW	44.5 kDa (predicted)
Uniprot ID	Q64735
Expiration Date	6 months from date of receipt.

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