

# Recombinant Mouse Cr2 Protein, C-Myc/DDK-tagged

## Product Information

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<b>Cat</b>	IMP-7506
<b>Official Symbol</b>	Cr2
<b>Product Overview</b>	Purified recombinant protein of Mouse complement receptor 2 (Cr2), with C-terminal Myc/DDK tag, expressed in HEK293T cells.
<b>Description</b>	Enables complement receptor activity. Acts upstream of or within with a negative effect on complement activation, alternative pathway. Acts upstream of or within several processes, including cellular response to lipopolysaccharide; immunoglobulin mediated immune response; and skeletal system development. Located in external side of plasma membrane. Human ortholog(s) of this gene implicated in common variable immunodeficiency; nasopharynx carcinoma; and systemic lupus erythematosus. Orthologous to human CR2 (complement C3d receptor 2).
<b>Expression System</b>	HEK293T
<b>Species</b>	Mouse
<b>Tag</b>	C-Myc/DDK
<b>Form</b>	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
<b>Molecular Mass</b>	113.8 kDa
<b>AA Sequence</b>	<p>           MGSLGSLWVFFTLITPGVLEISCDPPPEVKNARKPYYSPLIVPGTVLRYTC            SPSYRLIGEKAIFCISENQVHATWDKAPPICESVNKTISCSDPIVPGGFMNK            GSKAPFRHGDSVTFTCKANFTMKGSKTVWCQANEMWGPALPVCESDF            PLECPSTLTIHNGHHTGQHVDQFVAGLSVTYSCEPGYLLTGKKTICKLSS            GDWDGVIPTCKEAQCEHPGKFPNGQVKEPLSLQVGTTVYFSCNEGYQL            QGQPSSQCVIVEQKAIWTKKPVCKEILCPPPPVVRNGSHTGSFSENVPIYG            STVTYTCDPSPKGVSTLIGKTIINCTTGSQKTGIWSPAPYCVLSTSAV            LCLQPKIKRGQILSILKDSYSYNDTVAFSCPEGFTLKGNRSIRCNAHGTWE            PPVPVCEKGCQAPPKIINGQKEDSYLLNFDPGTSIRYSCDPGYLLVGEDTI            HCTPEGKWTPITPQCTVAECKPVGPHLFKRPQNQFIRTAVNSSCDEGFQ            LSESAYQLCQGTIPWFIEIRLCKEITCPPPPVIHNGTHTWSSSEDVPYGTV            VTYMCYPGPEEGVKFKLIGEQTIHCTSDSRGRGSWSSPAPLCKLSLPAV            QCTDVHVENGVKLTDNKAPYFYND SVMFKCDDGYILSGSSQIRCKANNT            WDPEKPLCKKEGCEPMRVHGLPDDSHIKLVKRTCQNGYQLTGTYEKC            QNAENGTWFKKIEVCTVILCQPPPKIANGGHTGMMAKHFLYGNEVSYEC            DEGFYLLGEKSLQCVNDSKGGHGSWSGPPPQCLQSSPLTHCPDPEVKHG            YKLNKTHSAFHNNDIVHFVCNQGFMNGSHLIRCHTNNTWLPGVPTCIRK            ASLGCQSPSTIPNGNHTGGSIARFPPGMSVMYSCYQGFLMAGEARLICT            HEGTWSQPPPFCKEVNCSFPEDTNGIQKGFQPGKTYRFGATVTLECEDG            YTLEGSPQSQCQDDSQWNPLALCKYRSTIPLICGISVGSALIILMSVGFC            MILKHRESNYYTKTRPKEGALHLETREVYSIDPYNPASTRTRPLEQKLISE         </p>

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**Purity**

*> 80% as determined by SDS-PAGE and Coomassie blue staining.*

**Storage**

*Store at -80 centigrade 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.*

**Concentration**

*> 50 µg/mL as determined by microplate BCA method.*

**SDS-PAGE**

