

Recombinant Full Length Mouse Killer Cell Immunoglobulin-Like Receptor 3DI1(Kir3DI1) Protein, His-Tagged

Cat. No. RFL13541MF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Mouse Killer cell immunoglobulin-like receptor 3DL1(Kir3dl1) Protein (P83555) (22-432aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length of Mature Protein (22-432)

Form Lyophilized powder

AA Sequence

HVGSHPKPFSLAWPSYVVPLGQNVTLTCDSHRGSNIFKLYKEEGSPNHQLHETTFQ
 KSQVFGPVTTEHAGTYRCFHPQYANVLSAHSEPLKIIISGIYMKPFLILQSPLVDTGG
 NVTLECHSENMFDTYILISHRMGIIKNSVQVSAEHHESGSHVTYSIGPMPDLVGTYT
 CYGANSYYPYEWSDSSDPIDIKITGVYKKPSLSALMGPVLMMSGETMALSCISDHQF
 DTFHMSREGVPRGQGM PAVQSHSGKFEAKFLLSPMIQKGNRYCYGSFRNASHVW
 SSPSDPLYLPKGNCPAYTEADTKTNNYKNLHILTGLLVTMVLVVIIFYSCYFSKQNK
 SQKQAAASMEQEYEVKNTINTQNFEGQERQEVTYTELEQRIFNQNLMPPIRRISEFS
 ADTIVYMEIMK

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Kir3dl1
Synonyms	Kir3dl1; Killer cell immunoglobulin-like receptor 3DL1; CD antigen CD158e
UniProt ID	P83555

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