

Recombinant Dog MERTK protein, GST-tagged

Cat. No. Mertk-001D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog MERTK protein with GST tag was expressed in insect cell.
Species	Dog
Source	Insect Cells
Description	In case of filovirus infection, seems to function as a cell entry factor.
Molecular Mass	~ 66.147 kDa
AA Sequence	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMARIYIADKHNM LGGCPKERA EISMLEGAVLDIRYGVSR IAYSKDFE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFFKKRIEAI PQIDKYLKSSKYIAWPLQG WQATFGGGDHPPKDDDDKLVIRKRI QETKFGNAFTEEDSELV VNYIAKKSF CRRAIELT LRS LGVSEELQNKLEDVVIDRNLLI LGKILGEGEFGSVM EGNLKEQDGTSQKVAVKTMKLDNFSQREIEEFLSEAACMKDF NHPNVIRLLGVCIEMSSQGIPKPMVILPFMKYGD LHTYLLYSRLDTGPKHIPVQILLKF MVDIAQGM EYLSNRNFLHRDLAARNCM LRDDMTVCVADFGLSKKIYSGDY YRQGRI AKMPVKWIAIESLADRVYTSKSDVWAFGVTMWEIATRGMT PYPGVQNHEMYDYLLH GHRLKQPEDCLDELYEIMHSCWRADPLDRPTFSVLRLQLEKFLES LPEVQDKADV
Purity	≥85 % as determined by SDS-PAGE
Storage	Long Term Storage at -20 to -80 centigrade. Avoid freeze/thaw cycles.

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Concentration 0.2 mg/ml

Storage Buffer PBS, pH 7.4

GENE INFORMATION

Gene Name MERTK MER proto-oncogene, tyrosine kinase [*Canis lupus familiaris* (dog)]

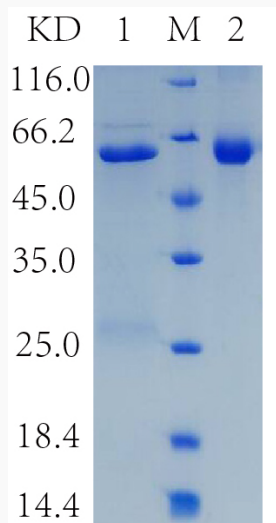
Official Symbol MERTK

Synonyms MERTK; MER proto-oncogene, tyrosine kinase; tyrosine-protein kinase Mer; c-mer proto-oncogene tyrosine kinase; EC 2.7.10.1

Gene ID 483060

UniProt ID J9P347

**SDS-PAGE analysis
of purified
recombinant dog
MERTK**



Lane M: protein marker

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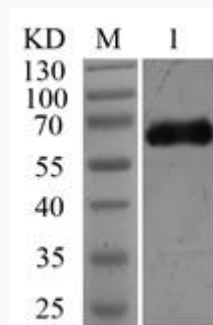
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Lane 1: MERTK sample

Lane 2: BSA

WB analysis of
purified recombinant
dog MERTK



Lane M: protein marker,

Lane 1: MERTK

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