

Recombinant Human c-MER (N-GST tag)

Cat No:HR2R1287

For research use only

Overview

Quantity	10 ?g
Gene Symbol	c-MER
Gene ID	N/A
Accession	NM_006343
Alternative Name	MER, MERTK, MGC133349
Species	Human
Source	Insect cells
Description	c-MER is a tyrosine kinase and a member of the MER/AXL/TYRO3 receptor kinase family . The c-MER gene encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type domains, and one tyrosine kinase domain. Functional knockout of c-MER in mice shows the mice to have macrophages deficient in the clearance of apoptotic thymocytes thereby demonstrating the critical role for c-MER in the engulfment and efficient clearance of apoptotic cells. Defects in c-MER have been associated with retinitis pigmentosa, a phenotype that can be reversed by replacement of the c-MER gene product .
Functions	The specific activity of c-MER was determined to be 1231 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	58
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.