

Human MERTK Knockdown Cell Lysate

Cat. No. MERTK-504HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated MERTK Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	This gene is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in this gene have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP).
Form	Cell-Tissue Lysis buffer
Molecular Mass	110 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg MERTK KD HT-1080 cell lysate
Protein Families	Druggable Genome, Protein Kinase, Transmembrane
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	MERTK c-mer proto-oncogene tyrosine kinase [Homo sapiens (human)]
Official Symbol	MERTK
Synonyms	MERTK; c-mer proto-oncogene tyrosine kinase; tyrosine-protein kinase Mer; mer; RP38; STK kinase; proto-oncogene c-Mer; MER receptor tyrosine kinase; receptor tyrosine kinase MerTK; MER; c-mer; MGC133349;
Gene ID	10461
mRNA Refseq	NM_006343
Protein Refseq	NP_006334
MIM	604705
UniProt ID	Q12866

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