9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RAET1E Mouse

Retinoic Acid Early Transcript 1E Mouse Recombinant
RCP1793

Product Overview

Name	RAET1E Mouse
Description	
Retinoic Acid Early Transcript 1E Mouse Recombinant	
Accession (Primary)	Q9CZQ6
Synonyms	
RAE-1-epsilon, Retinoic acid early-inducible protein 1-epsilon, Raet1e.	
Introduction	
RAET1E is a member of the MHC class I family. MHC class I family contains main histocompatibility complex (MHC) class I-related genes positioned in a cluster on chromosome 6q24.2-q25.3. RAET1E and RAET1G protein are different from other RAET1 proteins since they have type I membrane-spanning sequences at their C termini instead glycosylphosphatidylinositol anchor sequences.RAET1E acts as a ligand for NKG2D receptor, expressed on the surface of numerous types of immune cells, involves in innate adaptive immune reactions.RAET1E delivers signals to NK cells and advances tumor immune surveillance by inducing the growth of anti-tumor cytotoxic lymphocyte.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
RAET1E protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
LDDAHSLRCN LTIKDPTSAD LPWCDVKCSV DEITILHLNN INKTMTSGDP GKMANATGKC LTQPLNDLCQ ELRDKVSNTK VDTHKTNGYP HLQVTMIYPQ SQGQTPSATW EFNISDSYFF TFYTENMSWR SANDESGVIM NKWKDDGDLV QQLKYFIPQC RQKIDEFLKQ SKEKPRSTSR SPSITQLTST SPLPPPSHS L EHHHHHH .	

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Precautions

RAET1E Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9CZQ6)