

Raet1e, 29-227aa, Mouse, His-tag, Baculovirus

Cat.NO.: TP03662

3th Edition

Synonyms:Retinoic acid early-inducible protein 1-epsilon, Raet1e

Description:Raet1e, also known as retinoic acid early-inducible protein 1-epsilon, is a member of a family of cell-surface proteins that function as ligands for mouse NKG2D. All Rae-1 family members bind to mouse NKG2D, an activating receptor expressed on NK cells and some T cell subsets, resulting in the activation of cytolytic activity and cytokine production by these effector cells. Recombinant mouse Raet1e, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:23.5kDa (207aa), 28-40KDa (SDS-PAGE under reducing conditions.)

Sequences:

LDDAHSLRCNLTIKDPTSADLPWCDVKCSVDEITLHLNINIKTMTSGDPGKMANATGKCLTQPLNDLCQELRDKVS
NTKVDTHKTNGYPHLQVTMIYPQSQGQTPSATWEFNISDSYFFTFYENMSWRSANDESGVIMNKWKDDGDLVQ
QLKYFIPQCRQKIDFLKQSKEKPRSTSRSPSITQLTSTSPPLPPSHSLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.