Active Recombinant Human CK1A1L, GST-tagged

Cat. No. CK1A1L-88H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human CK1 alpha 1L was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	CK1alpha1L or casein kinase 1, alpha 1 like is a novel member of the CKI gene family which highlights a critical role for p53 in invasiveness control. CK1-alpha dynamically associates with the CBM complex on T cell receptor engagement to participate in cytokine production and lymphocyte proliferation which has a contrasting role by subsequently promoting the phosphorylation and inactivation of CARMA1 and it governs antigen-receptor-induced NF-kappa-B activation and human lymphoma cell survival.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Bio-activity	160 nmol/min/mg
Molecular Mass	~64 kDa
Purity	>75% by densitometry
Applications	Kinase Assay, Western Blot

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Storage	Store product at –70oC. 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.
Concentration	0.05 ug/ul

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