

GCET2, 1-178 aa, Human, His tag, E.coli

Cat.NO.: TP02209

3th Edition

Synonyms: Germinal center B-cell-expressed transcript 2 protein, GCAT2, HGAL

Description: GCET2 is a protein which may function in signal transduction pathways and whose expression is elevated in germinal cell lymphomas. It contains a putative PDZ-interacting domain, an immunoreceptor tyrosinebased activation motif (ITAM), and two putative SH2 binding sites. In B cells, its expression is specifically induced by interleukin-4. Recombinant human GCET2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT

Molecular Weight: 23 kDa (201aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMGNSLLRENRRQQNTQEMPWNVRMQSPKQRTSRCWDHHAEGCFCLPW
KKILIFEKRQDSQNERMSSTPIQDNVDQTYSEELCYTLINHRVLCTRPSGNSAEEYYENVCKAERPRESLGGTE
TEYSLHMPSTDPRHARSPEDYELLMPHRISSHFLQQPRPLMAPSETQFSLH

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

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.