

IL34, 21-242aa, Human, His tag, E.coli

Cat.NO.: TP02639

3th Edition

Synonyms:Interleukin 34, C16orf77, MGC34647

Description:IL34, also known as Interleukin 34, is a protein belonging to a group of cytokines called interleukins. This protein increases growth or survival of immune cells known as monocytes; it elicits its activity by binding the Colony stimulating factor 1 receptor. It also has a potential role in viral infection, the adaptive immune response and bone marrow cell proliferation. Recombinant human IL34 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:29.6 kDa(260aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMNEPLEMWPLTQNEECTVTGFLRDKLQYRSRLQY
MKHYFPINYKISVPYEGVFRIANVTRLQRAQVSERELRYLWVLVSLSATSVQDVLLEGHPSWKYLQEVQTLNINVQ
QGLTDVEVSPKVESVLSLLNAPGPNLKLVRPKALLDNCFRVMELLYCSCCKQSSVLNWQDCEVPSPQSCSPEPSL
QYAATQLYPPPPWSPSSPPHSTGSRPVRAQGEGLLP

Purity:> 95% by HPLC

Concentration:1 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.