

IL34 Human

Description: IL34 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 260 amino acids (21-242 a.a) and having a molecular mass of 29.6kDa. IL34 is fused to a 38 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: CYPs-049

For research use only.

Synonyms: Interleukin 34, C16orf77, MGC34647, IL34.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMNE
PLEMWPLTQN EECTVTGFLR DKLQYRSRLQ YMKHYFPINY KISVPYEGVF RIANVTRLQR
AQVSERELRY LWVLVLSL SAT ESVDVLLEG HPSWKYLQEV QTLLNVQQG LTDVEVSPKV
ESVLSLLNAP GPNLKLVRPK ALLDNCFRVM ELLYCSCCKQ SSVLNWQDCE VPSPQSCSPE
PSLQYAATQL YP

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:

The IL34 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Interleukin 34 (IL34) is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor and is a part of a group of cytokines called interleukins. IL34 increases growth or survival of immune cells known as monocytes. IL34 protein obtains its activity by binding the Colony stimulating factor 1 receptor. Interleukin 34 has also a potential part in viral infection, the adaptive immune response and bone marrow cell proliferation. Furthermore, IL34 plays an important role in innate immunity and in inflammatory processes.

To place an order, please [Click HERE](#).