

32-20444: Recombinant Human IL-36 Alpha (IL-1F6)(Discontinued)

Alternative Name : Interleukin-36 Alpha , IL36A, Interleukin-1 family member 6 (IL-1F6), FIL1Epsilon (FIL1E), Interleukin-1Epsilon (IL1E)

Description

Source: **E.coli** The IL-1 family is comprised of 11 structurally related ligands, including recently re-named IL-36Alpha (IL-1F6), Beta (IL-1F8), and Gamma (IL-1F9). IL-36Alpha is highly expressed in psoriatic plaques, as are IL-36Beta and IL-36Gamma, and is the only IL-1 family member found to be expressed by T cells, as well as monocytes and B cells. Primarily found in skin and lymphoid tissues, IL-36Alpha is also found to a lesser extent in tissues of the fetal brain, trachea, stomach, and intestine. IL-36Alpha signals through a combination of the IL-1Rrp2 (IL-1R6) receptor, which is primarily expressed on certain dendritic cells, and the widely expressed IL-RAcP (IL-1 receptor accessory protein). IL-36Alpha also functions as an agonist of NF-kappaB and MAPK pathways, and induces the production of proinflammatory cytokines and chemokines, including IL-6, IL-8, BD-2, and BD-3. Recombinant human IL-36Alpha is a 17.2 kDa protein containing 154 amino acid residues.

Product Info

Amount : 2 µg / 10 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : MKIDTPQQGS IQDINHRVWV LQDQTLIAVP RKDRMSPVTI ALISCRHVET LEKDRGNPIY LGLNGLNLCL
MCAKVG DQPT LQLKEKDIMD LYNQPEPVKS FLFYHSQSGR NSTFESVAFP GWFIASVSEG GCPLILTQEL
GKANTTDFGL TMLF

Application Note

Measured by its ability to induce IL-8 secretion by A431 human epidermoid carcinoma cells.