

IL19 active protein

Recombinant Human IL19

CATALOG #
AAA214302

HOST
E Coli

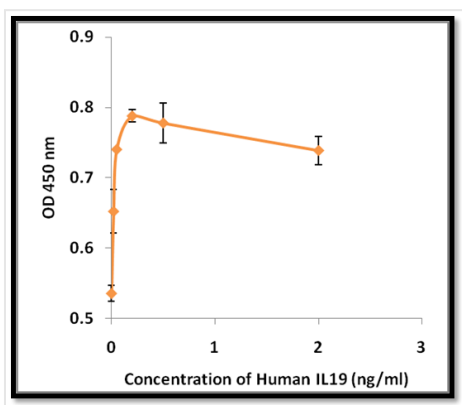
PRODUCT SYNONYMS

IL19; Recombinant Human IL19; Melanoma differentiation-association protein-like protein; NG.1; IL19 active protein

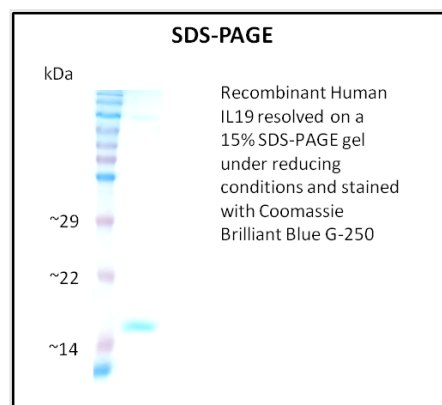
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS
Sequence Length	177
Bioactivity	The ED50 is 0.5-1.5 ng/mL as determined by a cell proliferation assay with the use of transfected BaF3 mouse pro-B cells with human IL-20Ralpha and human IL-20Rbeta
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Reconstitution	Reconstitute in sterile PBS at atleast 10ug/mL
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for IL19 active protein

IL19 belongs to the IL-10 family of proinflammatory cytokines, which is composed of IL10, IL19, IL20, IL22, IL24, and IL26. IL19 is mainly expressed in monocytes and binds to the IL20 receptor complex which leads to the activation of the signal transducer and activator of transcription 3 (STAT3). It also performs up-regulation of IL6 and TNF-alpha and apoptosis induction, thus signifying its role in inflammatory responses.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30795208
NCBI GeneID	29949
NCBI Accession #	NP_037503.2
NCBI GenBank Nucleotide #	NP_037503.2
UniProt Accession #	Q9UHD0
Molecular Weight	18.0 kDa
NCBI Official Full Name	interleukin-19 isoform 2
NCBI Official Synonym Full Names	interleukin 19
NCBI Official Symbol	IL19
NCBI Official Synonym Symbols	MDA1; NG.1; ZMDA1; IL-10C
NCBI Protein Information	interleukin-19
UniProt Protein Name	Interleukin-19
UniProt Gene Name	IL19
UniProt Synonym Gene Names	ZMDA1; IL-19
UniProt Entry Name	IL19_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/il19/214302>