Recombinant Human IL26 Protein (22-171 aa), His-B2M-tagged

Cat. No. IL26-2446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL26 Protein (22-171 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-B2M tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	22-171 aa
Description	May play a role in local mechanisms of mucosal immunity and seems to have a proinflammatory function. May play a role in inflammatory bowel disease. Activates STAT1 and STAT3, MAPK1/3 (ERK1/2), JUN and AKT. Induces expression of SOCS3, TNF-alpha and IL-8, secretion of IL-8 and IL-10 and surface expression of ICAM1. Decreases proliferation of intestinal epithelial cells. Is inhibited by heparin.
Form	Tris-based buffer,50% glycerol
Molecular Mass	31.6 kDa
AA Sequence	KHKQSSFTKSCYPRGTLSQAVDALYIKAAWLKATIPEDRIKNIRLLKKKTKKQFMKNC QFQEQLLSFFMEDVFGQLQLQGCKKIRFVEDFHSLRQKLSHCISCASSAREMKSITR MKRIFYRIGNKGIYKAISELDILLSWIKKLLESSQ
Purity	> 85% as determined by SDS-PAGE.

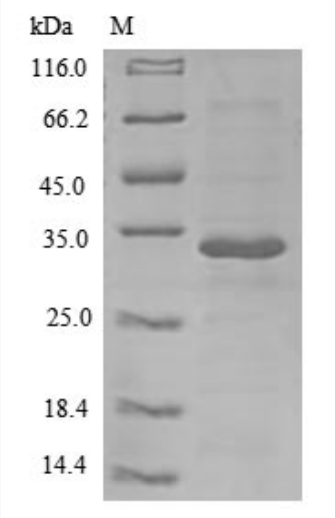
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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	IL26 interleukin 26 [Homo sapiens]
Official Symbol	IL26
Synonyms	IL26; interleukin 26; interleukin-26; AK155; IL 26; IL-26;
Gene ID	55801
mRNA Refseq	NM_018402
Protein Refseq	NP_060872
MIM	605679
UniProt ID	Q9NPH9

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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