

IL-32 alpha, human recombinant proteinNK4, TAIF, TAIFa, TAIFb, TAIFc, TAIFd, IL-32 β , IL-32 α , IL-32delta, IL-32 γ , Interleukin-32, IL-32, Na

Catalog # PBV10167r

Specification

IL-32 alpha, human recombinant protein - Product info

Primary Accession

[P24001](#)

Calculated MW

14.9 kDa KDa**IL-32 alpha, human recombinant protein - Additional Info**

Gene ID

9235

Gene Symbol

IL32- α **Other Names**NK4, TAIF, TAIFa, TAIFb, TAIFc, TAIFd, IL-32 β , IL-32 α , IL-32delta, IL-32 γ , Interleukin-32, IL-32, Natural killer cells protein 4, Tumor necrosis factor α -inducing factor, IL-32a, IL32a, IL32, Interleukin-32 α .

Gene Source

Human

Source

E. coli

Assay&Purity

SDS-PAGE; $\geq$ 97%

Assay2&Purity2

HPLC;

Recombinant

Yes

Results

In progress**Target/Specificity**

IL-32 alpha

Application NotesIt is recommended to reconstitute the lyophilized product with sterile H₂O at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions.**Format**

Lyophilized protein

Storage

-20°C; Lyophilized from 50 mM NaP, pH 7.5.

IL-32 alpha, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

IL-32 alpha, human recombinant protein - Images

IL-32 alpha, human recombinant protein - Background

Human IL-32 α is one of approximately 6 splice variants of a gene cloned from the human lung carcinoma stable transfectant, A549-R β . IL-32 α has been shown to induce IL-8, TNF- α , and MIP-2 production from human & mouse macrophage cell lines. It is up-regulated in activated T- & NK-cells, and IFN-g-treated epithelial cells. Human recombinant IL-32 α produced in E. coli is a 131 amino acid non-glycosylated polypeptide with a molecular mass of 14.9 kDa.

IL-32 alpha, human recombinant protein - References

Dahl C.A., et al. J. Immunol. 148:597-603(1992).
Kim S.-H., et al. Immunity 22:131-142(2005).
Mao W., et al. Submitted (DEC-2007) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Oh J.H., et al. Mamm. Genome 16:942-954(2005).