Recombinant human IL-3R alpha/IL3RA protein

Catalog Number: ATGP3712

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
20-305aa

UniProt No.
P26951

NCBI Accession No.
NP_002174

Alternative Names
Interleukin 3 receptor subunit alpha isoform 1, IL3RA, CD123, hIL-3Ra, IL3R

PRODUCT SPECIFICATION

Molecular Weight
34.1 kDa (295aa)

Concentration
0.25mg/ml (determined by absorbance at 280nm)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity
> 90% by SDS-PAGE

Endotoxin level
< 1 EU per 1ug of protein (determined by LAL method)

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
IL3RA, also known as interleukin 3 receptor subunit alpha isoform 1, is a single-pass type 1 membrane protein which belongs to the type 1 cytokine receptor family and type 5 subfamily. This protein is a pleiotropic cytokine produced primarily by activated T cells or mast cells. Also, the specific alpha subunit of the interleukin 3 receptor is strongly expressed in various leukemic blasts and leukemic stem cells and seems to be an excellent target for

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the therapy of leukemias. Recombinant human IL3RA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

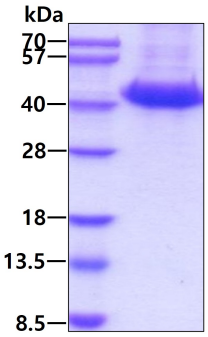
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General References

Kosugi H., et al, (1995) Biochem. Biophys. Res. Commun. 208:360-367.
Yoshimura A., et al, (1995) EMBO J. 14:2816-2826.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.