

Recombinant Cattle IL2RA protein, His & T7-tagged

Cat. No. IL2RA-1864C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle IL2RA aa. (Glu22~Gln243 (Accession # P12342)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Glu22~Gln243
Form	Freeze-dried powder
Molecular Mass	37kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage Buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

IL2RA interleukin 2 receptor subunit alpha [Bos taurus (cattle)]

Official Symbol

IL2RA

Synonyms

Cyp1a1; cytochrome P450, family 1, subfamily a, polypeptide 1; AHH; AHRR; CP11; CYP1; Cyp45c; P1-450; P450-C; P450DX; Cypc45c; P-450MC; cytochrome P450 1A1; CYPIA1; P450MT2; P450form6; aryl hydrocarbon hydroxylase; cytochrome P1-450; cytochrome P450 subfamily I (aromatic compound-inducible) member A1 (C6 form c) (C6 form c); cytochrome P450, 1a1; cytochrome P450, subfamily I (aromatic compound-inducible), member A1 (C6, form c) (C6, form c); cytochrome P450-C; cytochrome P450MT2; dioxin-inducible; flavoprotein-linked monooxygenase; microsomal monooxygenase; xenobiotic monooxygenase

Gene ID

281861

mRNA Refseq

NM_174358.2

Protein Refseq

NP_776783.1

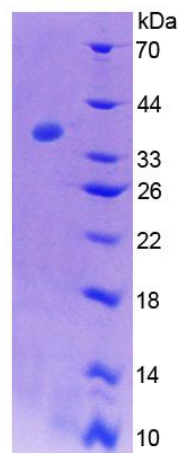
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UniProt ID

P12342



15% SDS-PAGE

SDS-PAGE

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