Active Recombinant Human IL13RA2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. IL13RA2-618HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human IL13RA2 (Accession # NP_000631) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
Form	Lyophilized
Bio-activity	Measured by its ability to inhibit IL-13-dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.1-0.5 μg/mL in the presence of 8 ng/mL recombinant human IL-13.
Molecular Mass	Recombinant Human IL13RA2, Fc Chimera has a calculated MW of 64 kDa (monomer). In SDS-PAGE migrates as 75-95 kDa, reducing conditions.
N-terminal Sequence Analysis	Cys 22
Purity	> 95 % by SDS-PAGE under reducing conditions and visualized by silver stain.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be

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	efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS.
Conjugation	Alexa Fluor 555

GENE INFORMATION

Gene Name	PPP3CA protein phosphatase 3, catalytic subunit, alpha isozyme [Homo sapiens]
Official Symbol	PPP3CA
Synonyms	PPP3CA; protein phosphatase 3, catalytic subunit, alpha isozyme; CALN, CALNA, protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform , protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha); serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; calcineurin A alpha; CNA1; PPP2B; protein phosphatase 2B; catalytic subunit; alpha isoform; CAM-PRP catalytic subunit; calmodulin-dependent calcineurin A subunit alpha isoform; protein phosphatase 2B, catalytic subunit, alpha isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform; CALN; CCN1; CALNA; CALNA1;
Gene ID	5530
mRNA Refseq	NM_000944

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Protein Refseq	NP_000935
MIM	114105
UniProt ID	Q08209

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