

CHAMOT

Recombinant APRIL, Human, Animal-Free

CM048-5HP

CM048-20HP

CM048-100HP

CM048-500HP

CM048-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines



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Recombinant APRIL, Human, Animal-Free

Catalog#	CM048-5HP	CM048-20HP	CM048-100HP	CM048-500HP	CM048-1000HP
Size	5 ug	20 ug	100 ug	500 ug	1 mg

Product Specifications

Background APRIL is a member of tumor necrosis factor ligand superfamily that expressed by stromal tissue, macrophages, and T cells. APRIL is a 27.4 kDa protein containing 250 residues, which plays a critical role in modulating tumor progression. Besides, APRIL has been demonstrated to involve in regulating B and T cell survival, proliferation and differentiation via binding with TNFRSF13B/TACI and TNFRSF17/BCMA.

Synonyms A proliferation-inducing ligand, TNFSF13, CD256, TALL-2, TALL2, TNLG7B, TRDL-1, UNQ383/PRO715, ZTNF2

Uniprot ID AAQ91388

Molecular Weight The protein has a calculated MW of 17.29 kDa. The protein migrates as 18 kDa under reducing condition (SDS-PAGE analysis).

Expression System Escherichia coli

Purity >98% as determined by SDS-PAGE.

Activity Measured by its ability to induce cell death in Jurkat cells. The ED₅₀ for this effect is 2.6-4.0 µg/mL.

Endotoxin Level <0.1 EU per 1 µg of the protein by the LAL method.

Protein Sequence MAVLTQKQKKQHSLVHLVPINATSKDDSDVTEVMWQPALRRGRGLQAQGYGVRIQDAGV YLLYSQVLFQDVTFTMGQVVSREGQGRQETLFRICRSMPSHPDRAYNSCYSAGVFHLHQG DILSVIIPRARAKLNLSPHGTFLGFVKL with polyhistidine tag at the C-terminus.

Form The protein was lyophilized from a 0.2 µm filtered solution containing 0.1% sarkosyl in 1X PBS, pH 8.0. If you have any concerns or special requirements, please confirm with us.

Application Cell Culture

Product Note

Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 µg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Storage/Shipping

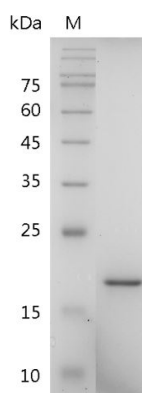
Stability & Storage

Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months. Avoid repeated freeze/thaw cycles.

Shipping

Blue Ice

Scientific Data



SDS- PAGE analysis of recombinant human APRIL

For Research Use or Further Manufacturing Only

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