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Product datasheet for AR51422PU-N

CD256 / APRIL (105-247, T7 tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD256 / APRIL (105-247, T7 tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MASMTGGQQM GRGSHMAVLT QKQKKQHSVL HLVPINATSK DDSDVTEVMW QPALRRGRGL QAQGYGVRIQ DAGVYLLYSQ VLFQDVTFTM GQVVSREGQG RQETLFRCIR SMPSHPDRAY NSCYSAGVFH LHQGDILSVI IPRARAKLNL SPHGTFLGL
Tag:	T7-tag
Predicted MW:	17.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TNFSF13 protein, fused to T7-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001185551
Locus ID:	8741
UniProt ID:	Q2QBA2
Cytogenetics:	17p13.1
Synonyms:	APRIL; CD256; TALL-2; TALL2; TNLG7B; TRDL-1; UNQ383/PRO715; ZTNF2

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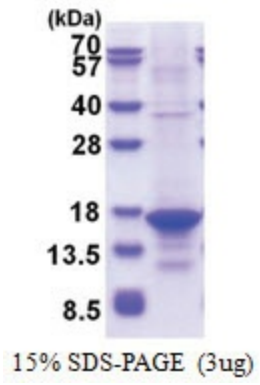
Summary: The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants. Some transcripts that skip the last exon of the upstream gene (TNFSF12) and continue into the second exon of this gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



15% SDS-PAGE (3ug)