

# Recombinant Mouse APRIL/TNFSF13 Protein (Fc Tag)

RPES8505



## Product Information

<b>Product SKU:</b> RPES8505	<b>Expression Host:</b> Mammalian	<b>Size:</b> 20µg
<b>Tag:</b> C-Fc	<b>Reactivity:</b> Mouse	<b>Accession:</b> Q9D777

## Additional Information

<b>Calculated MW:</b> 40.9 kDa	<b>Observed MW:</b> 42 kDa
<b>Sequence:</b> Ala96-Leu241	

## Protein Information

**Background:** TNFSF13 is a member of the tumor necrosis factor (TNF) ligand family. It is a ligand for TNFRSF17/BCMA. TNFSF13 is lowly expressed in normal tissues, but is elevated in several types of tumors and transformed cell lines. It is important for B cell development. TNFSF13 may also play a role in T-independent type II antigen responses and T cell survival, and induce proliferation/survival of non lymphoid cells. It exists as a functional homotrimer. It can bind to two cell surface receptors, BCMA and TACI, which it shares with BAFF to exert downstream T-and B-cell regulatory effects. TNFSF13 also has been demonstrated to bind to proteoglycans on the cell surface.

**Synonyms:** TALL, TRDL, TNFSF, A proliferation-inducing ligand, CD256, TALL-2, TRDL-1, April, Tnfsf13, TALL-2, TNFSF13

**Endotoxin:** < 1.0 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Purity:** > 90% as determined by reducing SDS-PAGE.

**Bio-Activity:** Not validated for activity

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Contact Details | Dublin, Ireland

Email: [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com) | Web: [www.assaygenie.com](http://www.assaygenie.com)

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