

## TNF Ligand Superfamily Member 12 Human Recombinant

<b>Item Number</b>	rAP-0774
<b>Synonyms</b>	TWEAK, TNF-related weak inducer of apoptosis, TNFSF12, DR3LG, Apo3-Ligand, APO3L, TNFRSF12A, Tumor necrosis factor ligand superfamily member 12, MGC20669, MGC129581.
<b>Description</b>	The TWEAK Human Recombinant is manufactured with N-terminal fusion of 13 amino acid FLAG Tag. The TNFSF12 Flag -Tagged Fusion Protein has a Mw of 18.7kDa containing a total of 169 amino acid residues.
<b>Uniprot Accesion Number</b>	O43508
<b>Amino Acid Sequence</b>	HVDYKDDDDK PAGSAPKGKRK TRARRAIAAH YEVHPRPGQD GAQAGVDGTV SGWEEARINS SSPL-RYNRQI GEFIVTRAGL YYLYCQVHFD EGKAVYLKLD LLVDGVLALR CLEEFSTAA SSLGPQLRLC QVSGLLALRP GSSLRIRTLW WAHLKAAPFL TYFGLFQVH.
<b>Source</b>	HEK293.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized TWEAK Human recombinant at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	Filtered and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl pH-7.5. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	Add pyrogen free water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**