

## Product Datasheet

### Recombinant TWEAK, Human (orb1494661)

<b>Description</b>	TWEAK, short for TNF-related weak inducer of apoptosis, is also known as TNFSF12 and DR3LG. It is a type II transmembrane protein belonging to the TNF superfamily. It is expressed widely in many tissues, such as the heart, skeletal muscle, spleen and peripheral blood. Binding of TWEAK to its receptor TWEAKR induces NF- $\kappa$ B activation, chemokine secretion and apoptosis in certain cell types. TWEAK has also been reported to promote endothelial cell proliferation and migration, thus serving as a regulator of angiogenesis.
<b>Endotoxins</b>	< 0.2 EU/ $\mu$ g, determined by LAL method.
<b>Preservatives</b>	Lyophilized after extensive dialysis against PBS.
<b>Form/Appearance</b>	Lyophilized after extensive dialysis against PBS.
<b>Storage</b>	Lyophilized recombinant Human TWEAK remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, Human TWEAK should be stable up to 1 week at 4°C or up to 2 months at -20°C.
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstituted in ddH <sub>2</sub> O or PBS at 100 $\mu$ g/ml.
<b>Protein Sequence</b>	RKTRARRAIAAHYEVHPRPGDGAQAGVDGTVSGWEEARINSSSPLRYNRQIGEFIVTRAG LYLYCQVHFDEGKAVYLK LDLLVDGVLALRCLEEFSAATAASSLGPQLRLCQVSGLLALRPGSSLRIRTLPW AHLKAAPFLT YFGLFQVH
<b>Purity</b>	> 95% as analyzed by SDS-PAGE and HPLC.
<b>Source</b>	CHO
<b>MW</b>	20-22 kDa, observed by reducing SDS-PAGE.
<b>Expiration Date</b>	6 months from date of receipt.

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