

Product Name	TWEAK Receptor protein
Catalog No	30R-AT080
Size	25 ug
Synonyms	TNF-related weak inducer of apoptosis receptor protein, TNFRSF12A protein, FGF-inducible 14 protein
Description	Purified recombinant Human TWEAK Receptor protein TWEAKR belongs to the TNF family of transmembrane proteins and contains a cytoplasmic "death domain", which can activated the cell's apoptotic machinery. It is expressed in the spleen, thymus, peripheral blood lymphocytes, colon, and small intestine. Signal transduction by TWEAKR can be activated by either the membrane anchored or the soluble TWEAK.
Background	
Species	Human
Residues	Region of TWEAK protein corresponding to amino acids EQAPGTAPCS RGSSWSADLD KCMDCASCRA RPHSDFCLGC AAAPPAPFRL LWP.
Molecular Weight	5.6 kDa
Protein Type	Recombinant
Expression System	E.coli
Grade & Purity	>98% pure by SDS PAGE and HPLC
Form & Buffer	Supplied as a lyophilized powder.
Storage	Store at 4 deg C until reconstitution. Following reconstitution aliquot and freeze at -20 deg C for long term storage. Avoid repeated freeze/thaw cycles.
Applications	User optimized
Endotoxin Levels	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).
Bioactivity	Determined by its ability to inhibit TWEAK-induced weak cell death of HT29 cells. The expected ED50 for this effect is 1.0-3.0 ug/ml.