

Recombinant Human TWEAK Receptor
Catalog # PBG10465**Specification**

Recombinant Human TWEAK Receptor - Product Information**Recombinant Human TWEAK Receptor - Additional Information****Description**

TWEAKR belongs to the TNF family of transmembrane proteins and contains a cytoplasmic "death domain", which can activate 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. Recombinant soluble TWEAKR is a 53 amino acid polypeptide (5.6 kDa) comprising the entire extracellular domain of the full length TWEAKR protein.

Biological Activity

Determined by its ability to inhibit TWEAK-induced weak cell death of HT29 cells. The expected ED_{50} for this effect is 1.0-3.0 $\mu\text{g/ml}$.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is $<0.1 \text{ ng/}\mu\text{g}$ of protein ($<1\text{EU/}\mu\text{g}$).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Human TWEAK Receptor is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human TWEAK Receptor - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant Human TWEAK Receptor - Images