

**TWEAK Receptor, human recombinant protein**  
TNF-related weak inducer of apoptosis receptor, TNFRSF12A, FGF-inducible 14,  
TWEAKR  
Catalog # PBV10838r

## Specification

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### TWEAK Receptor, human recombinant protein - Product info

Primary Accession [Q9NP84](#)  
Calculated MW 5.6 kDa kDa

### TWEAK Receptor, human recombinant protein - Additional Info

Gene ID	51330
Gene Symbol	TNFRSF12A
<b>Other Names</b>	
TNF-related weak inducer of apoptosis receptor, TNFRSF12A, FGF-inducible 14, TWEAKR	
Gene Source	Human
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC;
Recombinant	Yes
Sequence	EQAPGTAPCS RGSSWSADLD KCMDCASCRA RPHSDFCLGC AAAPPAPFRL LWP

### Target/Specificity

TWEAK Receptor

### Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

### Format

Lyophilized powder

### Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 10 mM Sodium Phosphate, pH 7.5 and 50 mM NaCl.

### TWEAK Receptor, human recombinant protein - 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](#)

**TWEAK Receptor, human recombinant protein - Images****TWEAK Receptor, human recombinant protein - Background**

TWEAKR belongs to the TNFR superfamily 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.

**TWEAK Receptor, human recombinant protein - References**

Feng S.-L.Y., et al. Am. J. Pathol. 156:1253-1261(2000).  
Tanaka S., et al. Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Wiley S.R., et al. Immunity 15:837-846(2001).  
He F., et al. Protein Sci. 18:650-656(2009).