Bioactive

TNFRSF10D (Human) Recombinant Protein

Catalog # P9265 Size 5 ug

Specification

Product Description	Human TNFRSF10D partial recombinant protein with hIgG-His tag in C-terminus expressed in Baculovirus cells.
Sequence	ATIPRQDEVPQQTVAPQQQRRSLKEEECPAGSHRSEYTGACNPCTEGVDYTIASNNLPSCLLCTVCKSGQTNKSSCTTTRDTVCQCEKGSFQDKNSPEMCRTCRTGCPRGMVKVSNCTPRSDIKCKNESAASSTGKTPAAEETVTTILGMLASPYHVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH
Host	Viruses
Theoretical MW (kDa)	73.8
Form	Liquid
Preparation Method	Baculovirus expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Activity	ED_{50} ≤ 10 ng/mL, measured in a neutralizing assay using Jurkat human T lymphocyte in the presence of 2 ng/mL TRAIL.
Storage Buffer	Solution (0.5mg/mL) containing 1X PBS, pH 7.4, 10% glycerol.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — TNFRSF10D

Entrez GeneID	8793
Protein Accession#	Q9UBN6
Gene Name	TNFRSF10D
Gene Alias	CD264, DCR2, TRAILR4, TRUNDD
Gene Description	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain
Omim ID	603614
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor co ntains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytopla mic death domain. This receptor does not induce apoptosis, and has been shown to play an inhib itory role in TRAIL-induced cell apoptosis. [provided by RefSeq
Other Designations	TNF receptor-related receptor for TRAIL|TRAIL receptor 4|TRAIL receptor with a truncated death domain|decoy receptor 2|decoy with truncated death domain|tumor necrosis factor receptor super family, member 10d

Pathway

- Apoptosis
- Cytokine-cytokine receptor interaction
- Natural killer cell mediated cytotoxicity

Disease

- Asthma
- Breast cancer
- Breast Neoplasms
- Cardiovascular Diseases
- Diabetes Mellitus

- Edema
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hematologic Diseases
- Hodgkin Disease
- Lymphoproliferative Disorders
- Multiple Myeloma
- Neoplasm Recurrence
- Neoplasms
- Occupational Diseases
- Waldenstrom Macroglobulinemia
- Werner syndrome