An official website of the United States government
Here's how you know

TNFRSF8 TNF receptor superfamily member 8 [*Homo sapiens* (human)]

Gene ID: 943, updated on 5-Jul-2025

Summary

Official Symbol	TNFRSF8 provided by HGNC
Official Full Name	TNF receptor superfamily member 8 provided by HGNC
Primary source	HGNC:HGNC:11923
See related	Ensembl:ENSG00000120949 MIM:153243; AllianceGenome:HGNC:11923
Gene type	protein coding
RefSeq status	REVIEWED
Organism	Homo sapiens
Lineage	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini; Catarrhini; Hominidae; Homo
Also known as	CD30; Ki-1; D1S166E
Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
Expression	Broad expression in appendix (RPKM 1.3), fat (RPKM 1.0) and 17 other tissues See more
Orthologs	mouse all

NEW **Try the new Gene table**
Try the new Transcript table

Genomic context

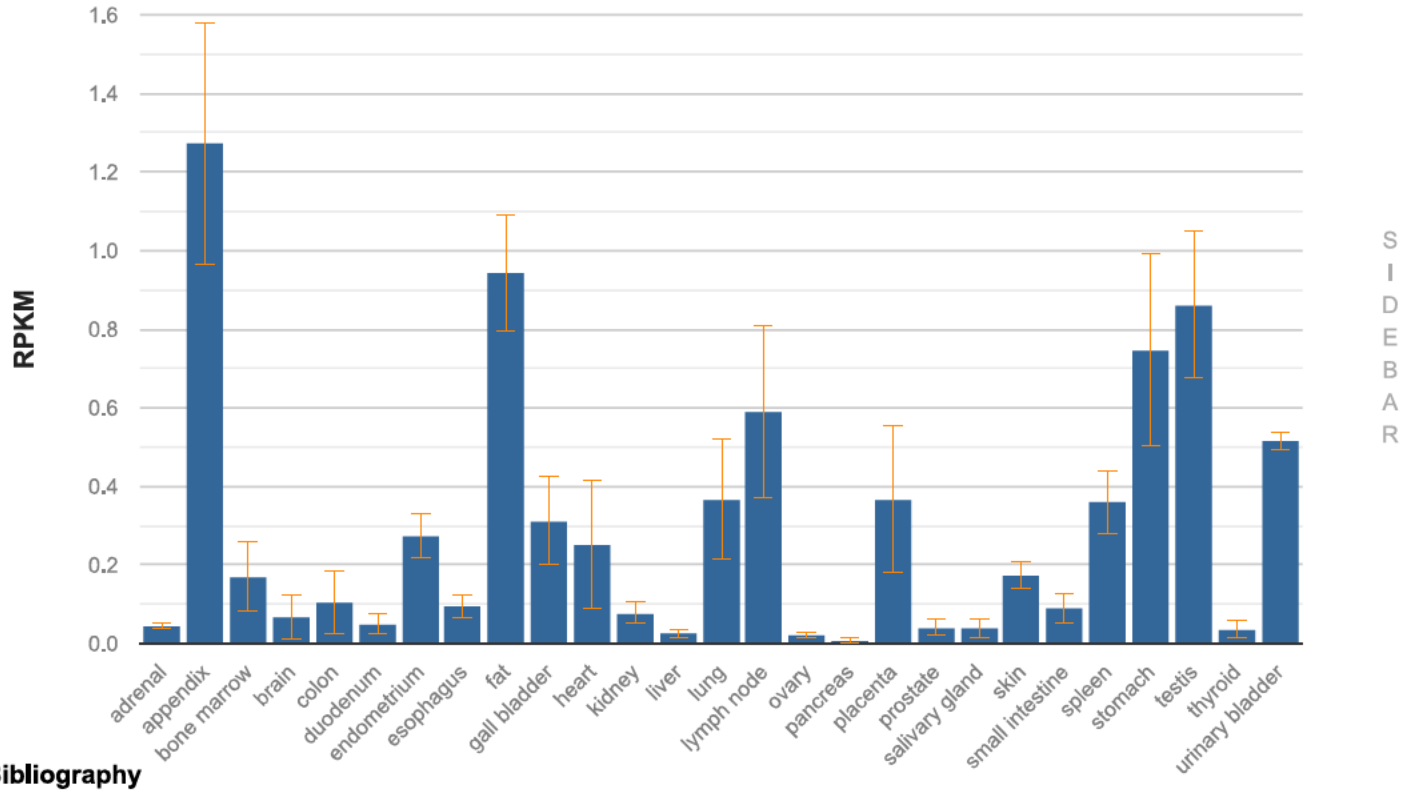
Genomic regions, transcripts, and products

Expression

See details

HPA RNA-seq normal tissues

- Project title: HPA RNA-seq normal tissues
- Description: RNA-seq was performed of tissue samples from 95 human individuals representing 27 different tissues in order to determine tissue-specificity of all protein-coding genes.
- BioProject: PRJEB4337
- Publication: PMID 24309898
- Analysis date: Thu Dec 19 08:39:43 2024



Bibliography

Phenotypes

Variation

HIV-1 interactions

Pathways from PubChem

Interactions

General gene information

General protein information

NCBI Reference Sequences (RefSeq)

Related sequences

Additional links