

## Recombinant Human TNFRSF6B, Fc Chimera

**Cat. No.** TNFRSF6B-2078H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFRSF6B is produced in <i>HEK 293 Cells</i> . The extracellular domain of human DcR3 (decoy receptor 3) (aa 1-246) is fused to the Fc portion of human IgG1. MW=58kDa.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-246 a.a.
<b>Description</b>	This gene belongs to the tumor necrosis factor receptor superfamily. The encoded protein is postulated to play a regulatory role in suppressing FasL- and LIGHT-mediated cell death. It acts as a decoy receptor that competes with death receptors for ligand binding. Overexpression of this gene has been noted in gastrointestinal tract tumors, and it is located in a gene-rich cluster on chromosome 20, with other potentially tumor-related genes. Two transcript variants encoding the same isoform, but differing in the 5' UTR, have been observed for this gene.
<b>Concentration</b>	1mg/ml after reconstitution.
<b>Formulation</b>	Lyophilized. Contains PBS.
<b>Endotoxin Content</b>	<0.1EU/g purified protein (LAL test; Bio Whittaker).
<b>Reconstitution</b>	Reconstitute with 50µsterile water.

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<b>Specificity</b>	Binds human LIGHT. Does not bind human FasL.
<b>Application</b>	Detection of human LIGHT and TL1A (VEGI) in combination with PAb to human IgG1.
<b>Purity</b>	≥90% (SDS-PAGE).
<b>Storage</b>	Stable for at least 6 months after receipt when stored at -20°C. Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF6B tumor necrosis factor receptor superfamily, member 6b, decoy [ Homo sapiens ]
<b>Synonyms</b>	TNFRSF6B; tumor necrosis factor receptor superfamily, member 6b, decoy; M68; TR6; DCR3; DJ583P15.1.1; TNFRSF6B; tumor necrosis factor receptor superfamily member 6B; decoy receptor 3; decoy receptor for Fas ligand
<b>Gene ID</b>	<a href="#">8771</a>
<b>mRNA Refseq</b>	<a href="#">NM_003823</a>
<b>Protein Refseq</b>	<a href="#">NP_003814</a>
<b>MIM</b>	<a href="#">603361</a>
<b>UniProt ID</b>	<a href="#">O95407</a>
<b>Chromosome Location</b>	20q13.3
<b>Pathway</b>	Cytokine-cytokine receptor interaction

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**Function**

protein binding; receptor activity

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