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## **OriGene Technologies GmbH**

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## AR50714PU-S Human CD178 / Fas Ligand (130-281, His-tag) - Purified

Alternate names:	APT1LG1, APTL, Apoptosis antigen ligand, CD95L protein, FASL, FASLG, Fas antigen
	ligand, TNFSF6, Tumor necrosis factor ligand superfamily member 6
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	Fas ligand, also known as FASLG, belongs to the tumor necrosis factor family and is the ligand for FAS. Both are transmembrane proteins. Interaction of FAS with this ligand is critical in triggering apoptosis of some types of cells such as lymphocytes. Defects in FASLG may be related to some cases of systemic lupus erythematosus (SLE).
Uniprot ID:	<u>P48023</u>
NCBI:	<u>NP_000630</u>
GenelD:	<u>356</u>
Species:	Human
Source:	E. coli
Format:	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Description:	Recombinant human FASLG protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: <u>MGSSHHHHHH SSGLVPRGSH MOIGHPSPPP EKKELRKVAH LTGKSNSRSM PLEWEDTYGI</u> VLLSGVKYKK GGLVINETGL YFVYSKVYFR GQSCNNLPLS HKVYMRNSKY PQDLVMMEGK MMSYCTTGQM WARSSYLGAV FNLTSADHLY VNVSELSLVN FEESQTFFGL YKL Molecular weight: 19.6 kDa (173aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Kirkin V., et al. (2007) Cell Death Differ. 14:1678-1687. 2. Voss M., et al. (2009) BMC Immunol. 10:53-53.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

	AR50714PU-S: Human CD178 / Fas Ligand (130-281, His-tag) - Purified	
Pictures:	(kDa)	
	<u> </u> <del>79</del> <del></del>	
	40	
	28	
	18	-
	13.5	
	8.5	

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