

## Dog Programmed death ligand 1(PDL1)/CD274 Recombinant Protein

PX-P3014-10

### DESCRIPTION

Programmed death-ligand 1 (PD-L1) also known as cluster of differentiation 274 (CD274) or B7 homolog 1 (B7-H1) and programmed cell death 1 ligand 1 (PDCD1L1) is a part of the growing B7 family of immune proteins that provide signals for both stimulating and inhibiting T cell activation. It play a main role in suppressing the immune system during some events such as tissue allografts, pregnancy, autoimmune disorder and other disease states such as hepatitis.

### OVERVIEW

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<b>SIZE</b>	10 ug
<b>ORIGIN SPECIES</b>	Dog
<b>FRAGMENT</b>	
<b>PROTEIN DELIVERED WITH TAG</b>	Yes
<b>MOLECULAR WEIGHT WITH TAG IF ANY</b>	25.94 kDa
<b>DELIVERY CONDITION</b>	Dry Ice

### PRODUCT INFORMATION

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<b>EXPRESSION SYSTEM</b>	Eukaryotic expression
<b>HOST</b>	mammalian
<b>PURITY</b>	90%
<b>PROTEIN ACCESSION</b>	
<b>FORM</b>	Frozen
<b>BUFFER</b>	PBS, pH 7.5
<b>STABILITY &amp; STORAGE</b>	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

## MORE INFO

### GENE ID

### SWISSPROTID

UNIPROT ID E2RKZ5

UNIPROT LINK <http://www.uniprot.org/uniprot/E2RKZ5>

### NCBI GENE ALIASES

SYNONYMS CD274, PDL1, B7-H, B7H1, PD-L1, PDCD1L1, PDCD1-LG1, Programed Death Ligand 1, Programmed Cell Death Protein 1 Ligand 1, PDCD1LG1

## PROTEIN SEQUENCE

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MRMFSVFTFMAYCHLLKAFTITVSKDLYVVEYGGNVTMECKFPVEKQLNLFALIVYWEMEDKKIIQFVNGKEDLKVQHSSYSQRAQLLKDQLFLGKAALQITDV  
RLQDAGVYCCLIGYGGADYKRITLKVHAPYRNISQRISVDPVTSEHELMCQAEGYPEAEVIWTSSDHRVLSGKTTITNSNREEKLFNVTSTLNINATANEIFYCTFQ  
RSGPEENNTAELVIPERLPVPASERTHGSHHHHHH

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