

## Immuno-Oncology panel 3

(45 analytes)

Gene Symbol	Target protein name	UniProt ID (& link)	Modification*
ADA	adenosine deaminase	<a href="#">P00813</a>	
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B2M	beta-2-microglobulin	<a href="#">P61769</a>	
BAD	Bcl2-associated agonist of cell death	<a href="#">Q92934</a>	
CASP3	caspase 3, apoptosis-related cysteine peptidase	<a href="#">P42574</a>	pS26
CD276	CD276 molecule	<a href="#">Q5ZPR3</a>	
CD4	T-cell surface glycoprotein CD4	<a href="#">P01730</a>	
CD44	CD44 molecule (Indian blood group)	<a href="#">P16070</a>	
CD8A	T-cell surface glycoprotein CD8 alpha chain	<a href="#">P01732</a>	
CRP	C-reactive protein	<a href="#">P02741</a>	
CRP	C-reactive protein, pentraxin-related	<a href="#">P02741</a>	
CSF1	colony stimulating factor 1 (macrophage)	<a href="#">P09603</a>	
CTLA4	cytotoxic T-lymphocyte-associated protein 4	<a href="#">P16410</a>	
CXCL9	C-X-C motif chemokine ligand 9	<a href="#">Q07325</a>	
GAPDH	Glyceraldehyde-3-phosphate dehydrogenase	<a href="#">P04406</a>	
GZMA	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)	<a href="#">P12544</a>	
IFNGR1	interferon gamma receptor 1	<a href="#">P15260</a>	
IL1RN	interleukin 1 receptor antagonist	<a href="#">P18510</a>	
ITGAM	integrin, alpha M (complement component 3 receptor 3 subunit)	<a href="#">P11215</a>	
JAK1	Janus kinase 1	<a href="#">P23458</a>	
LIG1	ligase I, DNA, ATP-dependent	<a href="#">P18858</a>	
MKI67	Antigen identified by monoclonal antibody Ki-67	<a href="#">P46013</a>	
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MS4A1	membrane-spanning 4-domains, subfamily A, member 1	<a href="#">P11836</a>	
MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	<a href="#">P43246</a>	
MSH3	DNA mismatch repair protein Msh3	<a href="#">P20585</a>	
MSLN	Mesothelin	<a href="#">Q13421</a>	
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MUTYH	mutY homolog (E. coli)	<a href="#">Q9UIF7</a>	
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NCAM1	neural cell adhesion molecule 1	<a href="#">P13591</a>	
PARP1	Poly [ADP-ribose] polymerase 1	<a href="#">P09874</a>	
PAXIP1	PAX interacting (with transcription-activation domain) protein 1	<a href="#">Q62W49</a>	
PCNA	Proliferating cell nuclear antigen	<a href="#">P12004</a>	
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PDCD1	programmed cell death 1	<a href="#">Q15116</a>	
PMS2	PMS2 postmeiotic segregation increased 2 (S. cerevisiae)	<a href="#">P54278</a>	
PTPN2	protein tyrosine phosphatase, non-receptor type 2	<a href="#">P17706</a>	
SERPINA6	Serpin peptidase inhibitor, clade A (alpha-1 antitrypsin, antitrypsin), member 6	<a href="#">P08185</a>	
SIGLEC1	Sialoadhesin	<a href="#">Q9BZ22</a>	
SLAMF8	SLAM family member 8	<a href="#">Q9P0V8</a>	
TGFB1	transforming growth factor, beta 1	<a href="#">P01137</a>	
VEGFA	vascular endothelial growth factor A	<a href="#">P15692</a>	

\*blanks mean the assay detects the non-modified peptide sequence