

Immuno-Oncology panel 3

(50 analytes)

Gene Symbol	Target protein name	UniProt ID (& link)	Modification*
ADA	adenosine deaminase	P00813	
ADA	adenosine deaminase	P00813	
B2M	beta-2-microglobulin	P61769	
C10orf54	chromosome 10 open reading frame 54	Q9H7M9	
CASP3	caspase 3, apoptosis-related cysteine peptidase	P42574	pS26
CD276	CD276 molecule	Q5ZPR3	
CD44	CD44 molecule (Indian blood group)	P16070	
CD8A	T-cell surface glycoprotein CD8 alpha chain	P01732	
CRP	C-reactive protein	P02741	
CRP	C-reactive protein, pentraxin-related	P02741	
CSF1	colony stimulating factor 1 (macrophage)	P09603	
CTLA4	cytotoxic T-lymphocyte-associated protein 4	P16410	
CXCL9	C-X-C motif chemokine ligand 9	Q07325	
EIF2A	eukaryotic translation initiation factor 2A, 65kDa	Q9BY44	pS506
EIF2A	eukaryotic translation initiation factor 2A, 65kDa	Q9BY44	pT518
EIF2A	eukaryotic translation initiation factor 2A, 65kDa	Q9BY44	
GAPDH	Glyceraldehyde-3-phosphate dehydrogenase	P04406	
GZMA	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)	P12544	
IFNGR1	interferon gamma receptor 1	P15260	
IL1RN	interleukin 1 receptor antagonist	P18510	
ITGAM	integrin, alpha M (complement component 3 receptor 3 subunit)	P11215	
JAK1	Janus kinase 1	P23458	
LIG1	ligase I, DNA, ATP-dependent	P18858	
MKI67	Antigen identified by monoclonal antibody Ki-67	P46013	
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MS4A1	membrane-spanning 4-domains, subfamily A, member 1	P11836	
MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	P43246	
MSH3	DNA mismatch repair protein Msh3	P20585	
MSLN	Mesothelin	Q13421	
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MUTYH	mutY homolog (E. coli)	Q9UIF7	
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NCAM1	neural cell adhesion molecule 1	P13591	
PARP1	Poly [ADP-ribose] polymerase 1	P09874	pS177
PARP1	Poly [ADP-ribose] polymerase 1	P09874	
PAXIP1	PAX interacting (with transcription-activation domain) protein 1	Q62W49	
PCNA	Proliferating cell nuclear antigen	P12004	
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PDCD1	programmed cell death 1	Q15116	
PMS2	PMS2 postmeiotic segregation increased 2 (S. cerevisiae)	P54278	
PTPN2	protein tyrosine phosphatase, non-receptor type 2	P17706	
SERPINA6	Serpin peptidase inhibitor, clade A (alpha-1 antitrypsin, antitrypsin), member 6	P08185	
SLAMF8	SLAM family member 8	Q9P0V8	
TGFB1	transforming growth factor, beta 1	P01137	
VEGFA	vascular endothelial growth factor A	P15692	

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