

RAS/MAPK panel 2 (non-modified protein targets)

(47 analytes)

Gene Symbol	Target protein name	UniProt ID (& link)	Modification*
AKT1	RAC-alpha serine/threonine-protein kinase	P31749	
AKT1	RAC-alpha serine/threonine-protein kinase	P31749	
AKT2	activating transcription factor 2	P31751	
AKT3	RAC-gamma serine/threonine-protein kinase	Q9Y243	
AKT3	RAC-gamma serine/threonine-protein kinase	Q9Y243	
ARAF	Serine/threonine-protein kinase A-Raf	P10398	
ARAF	Serine/threonine-protein kinase A-Raf	P10398	
ARAF	Serine/threonine-protein kinase A-Raf	P10398	
BRAF	v-raf murine sarcoma viral oncogene homolog B1	P15056	
CCND1	cyclin D1	P24385	
CCND1	cyclin D1	P24385	
CCND1	cyclin D1	P24385	
CCND1	cyclin D1	P24385	
CCND1	cyclin D1	P24385	
CDH1	cadherin 1	P12830	
CDH1	cadherin 1	P12830	
CDH2	cadherin 2, type 1, N-cadherin (neuronal)	P19022	
CDH2	cadherin 2, type 1, N-cadherin (neuronal)	P19022	
EGFR	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	P00533	
EGFR	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	P00533	
ERBB2	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)	P04626	
ERBB3	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	P21860	
ERBB3	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	P21860	
ERBB3	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	P21860	
FOS	v-fos FBJ murine osteosarcoma viral oncogene homolog	P01100	
FOS	v-fos FBJ murine osteosarcoma viral oncogene homolog	P01100	
FOS	v-fos FBJ murine osteosarcoma viral oncogene homolog	P01100	
GAPDH	Glyceraldehyde-3-phosphate dehydrogenase	P04406	
GSK3B	Glycogen synthase kinase-3 beta	P49841	
GSK3B	Glycogen synthase kinase-3 beta	P49841	
GSK3B	Glycogen synthase kinase-3 beta	P49841	
MAP2K1	mitogen-activated protein kinase kinase 1	Q02750	
MAPK3	mitogen-activated protein kinase 3	P27361	
MTOR	mechanistic target of rapamycin (serine/threonine kinase)	P42345	
MTOR	mechanistic target of rapamycin (serine/threonine kinase)	P42345	
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PTEN	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	P60484	
PTEN	phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	P60484	
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PTEN	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	P60484	
RAF1	v-raf-1 murine leukemia viral oncogene homolog 1	P04049	
RAF1	v-raf-1 murine leukemia viral oncogene homolog 1	P04049	
RAF1	v-raf-1 murine leukemia viral oncogene homolog 1	P04049	
RPTOR	regulatory associated protein of MTOR, complex 1	Q8N122	
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*blanks mean the assay detects the non-modified peptide sequence