Active Recombinant Human ARAF (YY301, 302DD) Mutation Protein, GST/His-tagged

Cat. No. ARAF-504H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human serine/threonine kinase ARAF, encompassing amino acids 282-606 (end), contains mutations Y301D and Y302D was expressed in Sf9 insect cells. The construct contains a GST-tag at the N-terminal end as well as a C-terminal His-tag (6xhis). The protein was affinity purified.
Species	Human
Source	Insect Cells
ProteinLength	aRAF (GST-282-606(end)-His)
Description	This proto-oncogene belongs to the RAF subfamily of the Ser/Thr protein kinase family, and maybe involved in cell growth and development. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Aqueous buffer solution
Bio-activity	6 pmol/min/μg.
Molecular Mass	63 kDa
Purity	61%
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

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Storage	At least 6 months at -80 centigrade.
Storage Buffer	40 mM Tris-HCl pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 20% glycerol and 3 mM DTT.
Shipping	At -80 centigrade

GENE INFORMATION

Gene Name	ARAF A-Raf proto-oncogene, serine/threonine kinase [Homo sapiens (human)]
Official Symbol	ARAF
Synonyms	ARAF; A-Raf proto-oncogene, serine/threonine kinase; PKS2; A-RAF; ARAF1; RAFA1; serine/threonine-protein kinase A-Raf; A-Raf proto-oncogene serine/threonine-protein kinase; Oncogene ARAF1; Ras-binding protein DA-Raf; proto-oncogene A-Raf-1; proto-oncogene Pks; v-raf murine sarcoma 3611 viral oncogene homolog 1; v-raf murine sarcoma 3611 viral oncogene-like protein; EC 2.7.11.1
Gene ID	369
mRNA Refseq	NM_001654
Protein Refseq	NP_001645
MIM	311010
UniProt ID	P10398

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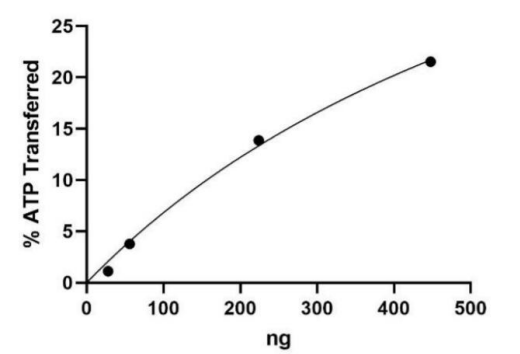
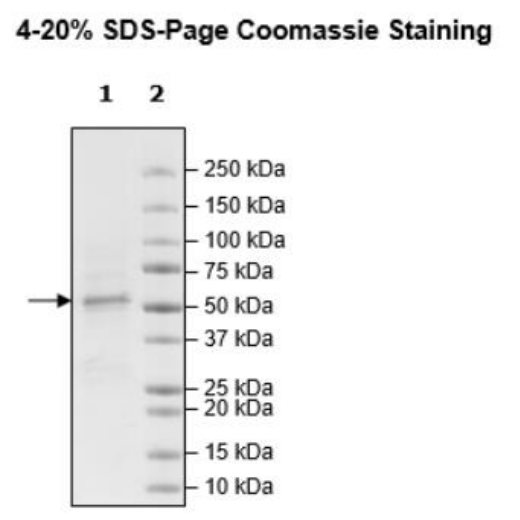
Specific Activity	
SDS-PAGE	

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