

Recombinant Human ARAF protein, GST-tagged

Cat. No. ARAF-187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARAF(225 - 324 aa) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	225-324 a.a.
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	1M PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH8.0), 100 mM GSH and 1% Triton X-100, 15% glycerol.
AA Sequence	STTAPMDSNLIQLTGQSFSTDAAGSRGGSDGTPRGSPSPASVSSGRKSPHSKSPA EQRERKSLADDKKKVKNLGY RDSGYYWEVPPSEVQLLKRIGTGSF
Storage	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

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GENE INFORMATION

Gene Name	ARAF v-raf murine sarcoma 3611 viral oncogene homolog [Homo sapiens]
Official Symbol	ARAF
Synonyms	ARAF; v-raf murine sarcoma 3611 viral oncogene homolog; ARAF1, v raf murine sarcoma 3611 viral oncogene homolog 1; serine/threonine-protein kinase A-Raf; Oncogene ARAF1; proto-oncogene Pks; proto-oncogene A-Raf-1; Ras-binding protein DA-Raf; v-raf murine sarcoma 3611 viral oncogene homolog 1; A-Raf proto-oncogene serine/threonine-protein kinase; PKS2; A-RAF; ARAF1; RAFA1;
Gene ID	369
mRNA Refseq	NM_001256196
Protein Refseq	NP_001243125
MIM	311010
UniProt ID	P10398
Chromosome Location	Xp11.3-p11.23
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; Colorectal cancer, organism-specific biosystem;

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Function

ATP binding; metal ion binding; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity; receptor signaling protein activity;

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