

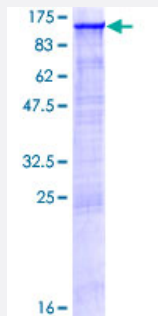
Full-Length

AOF2 (Human) Recombinant Protein (P01)

Catalog # H00023028-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human AOF2 full-length ORF (AAH40194.3, 1 a.a. - 876 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLSGKKAIAAAAAAAAAAATGTEAGPGTAGGSENGSEVAAQPAGLSGPAEVGPGAVGERTPRK
KEPPRASPPGGLAEPQGSAGPQAGPTVVPGSATPMETGIAETPEGRRTSRRKRAKVEYREMD
SLANLSEDEYYSEEERNAKAEKEKKLPPPPQAPPEEENESEPEEPSGQAGGLQDDSSGGYGD
GQASGVEGAAFQSRLPHDRMTSQEAACFPDIISGPQQTQKVFLFIRNRTLQLWLDNPKIQLTFEAT
LQQLEAPYNSDTVLVHRVHSYLERHGLINFQYKRIKPLPTKKTGKVIIGSGVSGLAAARQLQSFGM
DVTLLLEARDRVGGRVATFRKGNYVADLGAMVVVTGLGKNPMVAVSKQVNMELAKIKQKCPLYEAN
GQADTVKVPKEKDEMVEQEFNRLLEATSYLSHQLDNFVNLNNKPVSLGQALEVVIQLQEKHVKDE
QIEHWKKIVKTQEELKELLNKMVNLKEKIKELHQQYKEASEVKPPRDITAEFLVKSKHRDLTALCK
EYDELAETQGKLEEKLQELEANPPSDVYLSSDRQILDWHFANLEFANATPLSTLSLKHWDQDD
DFEFTGSHLTVRNGYSCVPVALAEGLDIKLNTAVRQVRYTASGCEVAVNTRSTSQTFFYKCDABL
CTLPLGVVLKQPPAVQFVPLPEWKTSVAVQRMGFNLNKKVLCFDRVFWDPVNLFGHVGSTT
ASRGELFLFWNLYKAPILLALVAGEAAGIMENISDDVIVGRCLAILKGIFGSSAVPQPKETVVSRRW
ADPWARGSYSYVAAGSSGNDYDLMAQPITGPSIPGAPQPIPRLFFAGEHTIRNYPATVHGALLSG
LREAGRIADQFLGAMYTLPRQATPGVPAQQSPSM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

121.6

Interspecies Antigen Sequence

Mouse (95); Rat (97)

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AOF2

Entrez GeneID	23028
GeneBank Accession#	BC040194.2
Protein Accession#	AAH40194.3
Gene Name	AOF2
Gene Alias	BHC110, KDM1, KIAA0601, LSD1
Gene Description	amine oxidase (flavin containing) domain 2
Omim ID	609132
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a nuclear protein containing a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations

BRAF35-HDAC complex protein BHC110|FAD-binding protein BRAF35-HDAC complex, 110 kDa subunit|lysine (K)-specific demethylase 1|lysine-specific histone demethylase 1
