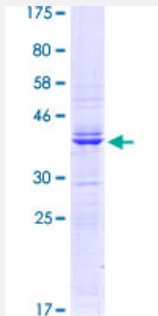


# AOF2 (Human) Recombinant Protein (Q01)

Catalog # H00023028-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human AOF2 partial ORF (NP_055828, 753 a.a. - 851 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	ADPWARGSYSYVAAGSSGNDYDLMAQPITPGPSIPGAPQPIPRLFFAGEHTIRNYPATVHGALLSG LREAGRIADQFLGAMYTLPRQATPGVPAQQSPS
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.63
<b>Interspecies Antigen Sequence</b>	Mouse (95); Rat (97)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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#** [NM\\_015013](#)

**Protein Accession#** [NP\\_055828](#)

**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