

## Product Datasheet

# ATP6V1F Protein, Human, Recombinant (GST) (orb1955589)

<b>Description</b>	ATP6V1F encodes a component of vacuolar ATPase mediating acidification. The cDNA and the genomic sequences of ATP6V1F were cloned successfully for the first time from the Giant Panda ( <i>Ailuropoda melanoleuca</i> ) using reverse transcription polymerase chain reaction and touchdown-polymerase chain reaction, respectively. Topology prediction showed that there is one protein kinase C phosphorylation site, two Casein kinase II phosphorylation sites, and one N-myristoylation site in the ATP6V1F protein. Up-regulated expression of mammary tumor 8 kDa protein (MAT-8), complement component C15 (C15), ferritin heavy chain (FTH1), peptidyl-prolyl cis-trans isomerase A (PPIA), RNA-binding protein regulatory subunit DJ-1 protein (DJ-1) and vacuolar ATP synthase subunit F (ATP6V1F) was determined in prostate carcinoma and confirmed by using quantitative real-time RT-PCR analyses.
<b>Storage</b>	-20°C
<b>Tag</b>	N-GST
<b>Note</b>	For research use only
<b>Application notes</b>	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
<b>Purity</b>	98.00%
<b>MW</b>	40.2 kDa (predicted); 40 kDa (reducing conditions)
<b>Uniprot ID</b>	<b>A4D1K0</b>
<b>Expiration Date</b>	6 months from date of receipt.

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