Recombinant Mouse Iqgap1 protein, His & T7-tagged

Cat. No. Iqgap1-1190M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Iqgap1 aa. (Gln1276~Lys1657 (Accession # Q9JKF1) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gln1276~Lys1657
Form	Freeze-dried powder
Molecular Mass	58kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 7.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

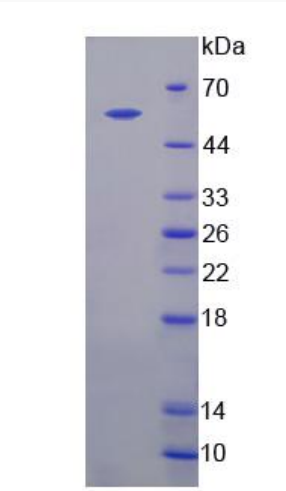
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Iqgap1 IQ motif containing GTPase activating protein 1 [Mus musculus (house mouse)]
Official Symbol	Iqgap1
Synonyms	Iqgap1; IQ motif containing GTPase activating protein 1; AA682088; mKIAA0051; D7Ertd237e; D7Ertd257e; ras GTPase-activating-like protein IQGAP1; Cdc42-Rac1 effector protein
Gene ID	29875
mRNA Refseq	NM_016721.2
Protein Refseq	NP_057930.2
UniProt ID	Q9JKF1

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SDS-PAGE	 15% SDS-PAGE

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