

Product Datasheet

Recombinant Pig Caspase-1 (CASP1), partial (orb1674382)

Catalog Number	orb1674382
Category	Proteins
Description	This Recombinant Pig Caspase-1 (CASP1), partial spans the amino acid sequence from region 120-297aa. Purity: Greater than 90% as determined by SDS-PAGE.
Tag	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Form/Appearance	Liquid or Lyophilized powder
Buffer/Preservatives	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Purity	Greater than 90% as determined by SDS-PAGE.
Protein Sequence	NPVKPASSEPRGSLKLCPPDIAQLRWKEKSAEIYPIMGKSIRTRLALIICNTEFENLPRRDGAD VDIRDMKILLEDLGYSVDVRENLTASDMAIELKAFAARPEHKSSDSTFLVLM SHGIQAGICGK KYSEEVDPDVLEVNTVFQILNTLNCPSLKD KPKV VIIIQACRGEKQGVVWIKD
Protein Length	Partial
UniProt ID	Q9N2I1
MW	27.3 kDa
Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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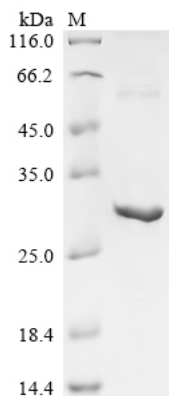
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Source	E.coli
Biological Origin	Sus scrofa (Pig)
Expression Region	120-297aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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