

## Product Datasheet

### Rat Pros1 protein (orb246928)

<b>Catalog Number</b>	orb246928
<b>Category</b>	Proteins
<b>Description</b>	This Rat Pros1 protein spans the amino acid sequence from region 42-675aa. Purity: Greater than 90% as determined by SDS-PAGE.
<b>Tag</b>	N-terminal 6xHis-tagged
<b>Form/Appearance</b>	Liquid or Lyophilized powder
<b>Buffer/Preservatives</b>	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.
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Protein Sequence</b>	ANTLLEETKKGNLERECIEELCNKEEAREVFENNPE TDYFYPKYLGLGAFRVGAFSAARQS ANAYPDLRSCVNAIPDQCDPMPCNEDGYLSCKDGQGAFTCICKPGWQGDCKQFDINECKD PSNINGGCSQTCDNTPGSYHCCKIGFAMLTNKKDCKDVDECSLKPSVCGTAVCKNIPGDF ECECPNGYRYDPSSKSKCKDVDECSSENTCAQLCVNYPGGYSCYCDGKKGFKLAQDQRSCE GIPVCLSLDLKDYELLYLAEQFAGVVLYLKFRLPDITRFAEFDFRTYDSEGIILYAESLDHSN WLLIALREGKIEVQFKNEFSTQITGGNVINNGIWNMVSVEELDDSVSIIAKEAVMNINKLG SLFKPTDGFLDTKIYFAGLPRKVESALIKPINRLDGCIRGWNLMKQALGALAKEIVEGKQNKH CFLTVEKGSYYPGSGIAQFSIDYNNVTNAEGWQINVTLNIRPSTGTGVMLALVSGDTPFAL SLVDSGSGTSQDILVFEVNSVAAHLEAITLCEQPSQLKCNINRNGLELWTPVRKDVIIYSKDL QRQLAILDKTMKGT VATYLGGVPDISFSATPVNAFYSGCMEVNINGVQLDLDEAISKHNDIR AHSCPSVRKIQKNF
<b>Protein Length</b>	Full Length of Mature Protein
<b>UniProt ID</b>	<b>P53813</b>
<b>MW</b>	73.9 kDa

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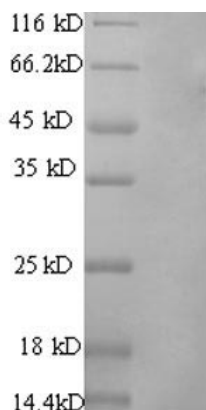
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<b>Application notes</b>	Full length protein of HIS and expression region is 42-675aa
<b>Source</b>	Mammalian cell
<b>Biological Origin</b>	Rattus norvegicus (Rat)
<b>Expression Region</b>	42-675aa
<b>Storage</b>	The shelf life is related to many factors, 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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	6 months from date of receipt.



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

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