



Recombinant Rat Chordin-like protein 1 (Chrdl1)

Product Code	CSB-EP748479RA-B
Abbreviation	Chrdl1
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.
Uniprot No.	Q76LD0
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	EPVKHSET YCMFQDKKYR VGEKWHPYLE PYGLVYCVNC ICSENGNVLC SRVRCPTLHC LSPVHIPHLC CPRCPDSLPP MNSKVTSKSC EYNGTTYQH ELFIAEGLFQ NRQPNQCSQC SCSEGNVYCG LKTCPKLTCA FPVSVPDSCC RVCRGDGELS WEHSDADIFR QPANREARHS YLRSPYDPPP SRQAGGLPRF AGRSRHRGAV IDSQQASGTI VQIVINNKHK HGQVCVSNGK TYSHGESWHP NLRAFGIVEC VLCTCNVTKQ ECKKIHCNRP YPCKYPQKLD GKCKVCPEE PPSQNFDSKG SFCGEETMPV YEAVLVEDGE TARKVALETE KPPQVEVHVW TIRKILQHF HIEKISKEMF GGLHHFKLVT RTTMNQWKIF AEGEAQLSQM CSSRVCRTTEL EDLVQVLYLE RPEKDHC
Source	E.coli
Target Names	Chrdl1
Protein Names	Recommended name: Chordin-like protein 1 Alternative name(s): Kohjirin Neuralin-1 Neurogenesis-1 Ventroptin
Expression Region	23-447
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes an antagonist of bone morphogenetic protein 4. The encoded protein may play a role in topographic retinotectal projection and in the regulation of retinal angiogenesis in response to hypoxia. Alternatively spliced transcript variants encoding different isoforms have been described.
Reconstitution	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.
Shelf Life	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.