

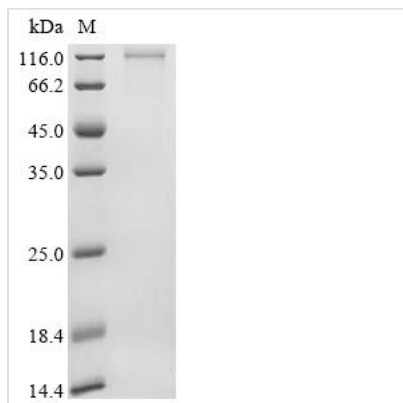


Recombinant Mouse Alanine--tRNA ligase, cytoplasmic (Aars1)

Product Code	CSB-MP804328MO(A4)
Abbreviation	Recombinant Mouse Aars1 protein
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.	Q8BGQ7
Form	Liquid or Lyophilized powder
Storage Buffer	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.
Product Type	Recombinant Mouse Alanine--tRNA ligase, cytoplasmic (Aars1)
Immunogen Species	Mus musculus (Mouse)
Sensitivity	Not Test
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MDATLTAREIRERFINFFRRNEHTYVHSSATIPLDDPTLLFANAGMNQFKPIFLN TIDPSHPMAKLSRAANTQKCIRAGGKHNDLDDVGKDVYHHTFFEMLGSWWSFG DYFKELACKMALELLTQEFGIPVERLYVTYFGGDEAAGLEPDLECRQIWQNLG LDEARILPGNMKDNFWEMGDTGPCGPCSEIHYDRIGGRDA AHLVNQDDPNVL EIWNLVFIQYNRES DGVLKPLPKSIDTGMGLERLVSVLQNKMSNYD TDLFMP YFEAIQKGTGARPYTGKVGAEADADGIDMAYRVLADHARTITVALADGGRPDNT GRGYVLRILRRAVRYSHEKLNASRGFFATLVDVVVQSLGDAPPELKKDPEMV KDIINEEEVQFLKTL SRGRRILDRKIQLGDCKTIPGDTAWLLYD TYGFPVDLTG LIAEEKGLV VDMNGFEEERRLAQLKSQGGAGDEDLIMLDIYAIEELRAKGLEA TDDSPKYN YQSDSSGSYVFECTVATV LALRREKMFVDEVVTGQECGVVLDKT CFYAEQGGQIYDEGYLVKVD DSSSEDKTEFTV KNAQVRGGYVLHIGTIYGNLKV GDQVRLFIDEPRRRPVMSNHTATHILNFALRSVLGEADQKGS LVAPDRLRFDF TAKGAMSTQQIKKAEIIVNGMIEAAKPVYTQDCPLAAAKAIQGLRAVFD ETPD PVRVVSIGVPVSELLDDPCGPAGSLTSVEFCGGTHLRNSSHAGAFVIVTEEAIA KGIRRIVAVTGAEAQKALRKSETLKKSLSAMEAKVKAQTAPNKDVQREIADLGE ALATAVIPQWQKDEQRETLKSLKKVMDDLDRASKADVQKR VLEKTKQLIDSNP NQPLVILEMESGASAKALNEALKLFKTHSPQTSAMLFTVDNEAGKITCLCQVPQ NAANRGLKASEWVQQV SGLMDGKGGGKDMSAQATGKNVGC LQEALQLATS FAQLRLGDVKN
Research Area	Others
Source	Mammalian cell
Target Names	Aars1



Expression Region	1-968aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	108.7 kDa
Protein Length	Full Length

Image


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

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.