

Recombinant Mouse Col4a1 protein(1445-1669aa), His-tagged

Cat. No. Col4a1-821M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Col4a1 protein(1445-1669aa)(P02463), fused with C-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	1445-1669aa
Form	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.
Molecular Mass	31.8 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

GFLVTRHSQTDDPLCPPGTKILYHGYSLLYVQGNERAHGQDLGTAGSCLRKFSTM
PFLFCNINNVCNFASRNDYSYWLSTPEPMPMSMAPISGDNIRPFISRCACEAPAMV
MAVHSQTIQIPQCPNGWSSLWIGYSFVMHTSAGAEGSGQALASPGSCLEEFRSAPF
IECHGRGTCNYYANAYSFWLATIERSEMFKKPTPSTLKAGELRTHVSRQCVMRRT

GENE INFORMATION

Gene Name [Col4a1 collagen, type IV, alpha 1 \[Mus musculus \]](#)

Official Symbol [Col4a1](#)

Synonyms COL4A1; collagen, type IV, alpha 1; collagen alpha-1(IV) chain; Del(8)Bru44H; alpha1(IV) collagen; retinal anterior wiring; procollagen, type IV, alpha 1; Bru; Raw; Svc; Col4a-1; Del(8)44H;

Gene ID [12826](#)

mRNA Refseq [NM_009931](#)

Protein Refseq [NP_034061](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA