Recombinant Human LCTL protein, His&Myc-tagged

Cat. No. LCTL-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCTL protein(Q6UWM7)(23-541aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	23-541a.a.
Tag	His&Myc
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	67.2 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

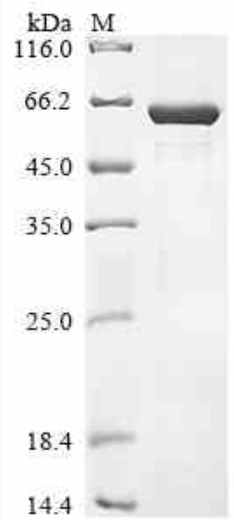
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	RKGSPEEASFYYGTFPLGFSWGVGSSAYQTEGAWDQDGKGPSIWDVFTHSGKGK VLGNETADVACDGYYKVQEDIILLRELHVNHYRFSLSWPRLLPTGIRAEQVNKKGIEF YSDLIDALLSSNITPIVTLHHWDLPQLLQVKYGGWQNVSMANYFRDYANLCFEAFGD RVKHWITFSDPRAMAEKGYETGHHAPGLKLRGTGLYKAAHHIIKAHAKAWHSYNTT WRSKQQGLVGISLNCDWGEPVDISNPKDLEAAERYLQFCLGWFANPIYAGDYPQV MKDYIGRKSAEQGLEMSRLPVFSLQEKSYIKGTSDFLGLGHFTTRYITERNYPSRQG PSYQNDRDLIELVDPNWPDLGSKWLYSVPWGFRRLLNFAQTQYGDPPIYVMENGA SQKFHCTQLCDEWRIQYLKGYINEMLKAIKDGANIKGYTSWSLLDKFEWEKGYSDR YGFYYVEFNDRNKPRYPKASVQYYKKIIIANGFPNPREVESWYLKALETCSINNQML AAEPLLSHMQMVTE

GENE INFORMATION

Gene Name	LCTL lactase-like [Homo sapiens]
Official Symbol	LCTL
Synonyms	LCTL; lactase-like; lactase-like protein; FLJ33279; KL lactase phlorizin hydrolase; KLG; klotho gamma; KLPH; klotho/lactase-phlorizin hydrolase-related protein;
Gene ID	197021
mRNA Refseq	NM_207338
Protein Refseq	NP_997221
UniProt ID	Q6UWM7

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SDS-PAGE	

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