

Recombinant Human CA12 protein, Fc-tagged, Low Endotoxin

Cat. No. CA12-478H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CA12 protein(O43570-1)(Ala25-Ser301) is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	25-301 aa
Form	Lyophilized from 0.22 µm filtered solution in 25mM Tris, 150mM NaCl (pH 7.5).
Molecular Mass	The protein has a predicted MW of 57.06 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

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Gene Name	CA12 carbonic anhydrase XII [Homo sapiens]
Official Symbol	CA12
Synonyms	CA12; carbonic anhydrase XII; carbonic anhydrase 12; HsT18816; CA-XII; carbonic dehydratase; carbonate dehydratase XII; tumor antigen HOM-RCC-3.1.3; CAXII; FLJ20151;
Gene ID	771
mRNA Refseq	NM_001218
Protein Refseq	NP_001209
MIM	603263
UniProt ID	O43570
Bis-Tris PAGE	