

Recombinant Human CA5A protein, His-tagged

Cat. No. CA5A-5924H **Lot. No.** (See product label)

SPECIFICATION

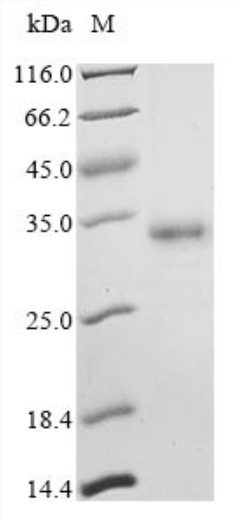
Product Overview	Recombinant Human CA5A protein(P35218)(39-305aa), fused to N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	39-305aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	33.8 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-224°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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 194%.

GENE INFORMATION

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Gene Name	CA5A carbonic anhydrase VA, mitochondrial [Homo sapiens]
Official Symbol	CA5A
Synonyms	CA5A; carbonic anhydrase VA, mitochondrial; CA5; carbonic anhydrase 5A, mitochondrial; CAV; CAVA; CA-VA; carbonic dehydratase; carbonate dehydratase VA; carbonic anhydrase V, mitochondrial;
Gene ID	763
mRNA Refseq	NM_001739
Protein Refseq	NP_001730
MIM	114761
UniProt ID	P35218
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left in kDa: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. A single protein band is visible at approximately 35 kDa, corresponding to the CA5A protein.