

Recombinant Human CA5A protein

Cat. No. CA5A-8564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CA5A protein(P35218)(39-305aa) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	39-305aa
Tag	Non
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	30.6 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.

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AA Sequence

CAWQTSNNTLHPLWTVPVSVPGGTRQSPINIQWRDSVYDPQLKPLRVSYEAASCLY
 IWNTGYLFQVEFDDATEASGISGGPLENHRYLKQFHFHWGAVNEGGSEHTVDGHA
 YPAELHLVHWNSVKYQNYKEAVVGENGLAVIGVFLKLGAAHHQTLQRLVDILPEIKHK
 DARAAMRPFDPSTLLPTCWDYWTYAGSLTTPPLTESVTWIIQKEPVEVAPSQLSAFR
 TLLFSALGEEEEKMMVNYYRPLQPLMNRKVVASFQATNEGTRS

GENE INFORMATION

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

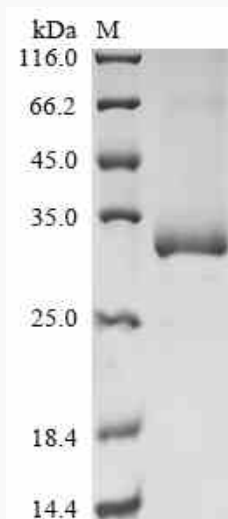
MIM 114761

UniProt ID P35218

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SDS-PAGE

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