



# Recombinant Human Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial (HOGA1)

<b>Product Code</b>	CSB-EP771464HU-B
<b>Abbreviation</b>	HOGA1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q86XE5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	ASGEG KKVDIAGIYP PVTTTPFTATA EVDYGKLEEN LHKLGTFPFR GFVVQGSNGE FPFLTSSERL EVVSRVRQAM PKNRLLLAGS GCESTQATVE MTVSMAQVGA DAAMVVTPCY YRGRMSSAAL IHHYTKVADL SPIPVVLYSV PANTGLDLPV DAVVTLSQHP NIVGMKDSGG DVTRIGLIVH KTRKQDFQVL AGSAGFLMAS YALGAVGGVC ALANVLGAQV CQLERLCCTG QWEDAQKLQH RLIEPNAAVT RRFGIPGLKK IMDWFGYYGG PCRAPLQELS PAEEEEALRMD FTSNGWL
<b>Source</b>	E.coli
<b>Target Names</b>	HOGA1
<b>Protein Names</b>	Recommended name: Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial EC= 4.1.3.16 Alternative name(s): Dihydrodipicolinate synthase-like Short name= DHDPS-like protein Probable 2-keto-4-hydroxyglutarate aldolase Short
<b>Expression Region</b>	26-327
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.