



Recombinant Human Aldehyde dehydrogenase family 3 member B2 (ALDH3B2)

Product Code	CSB-BP001575HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48448
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MKDEPRSTNL FMKLDSVFIW KEPFGLVLII APWNYPLNLT LVLLVGALAA GSCVVLKPSE ISQGTEKVLA EVLPQYLDQS CFAVVLGGPQ ETGQLLEHKL DYIFFTGSPR VGKIVMTAAT KHLTPVTLEL GGKNPCYVDD NCDPQTVANR VAWFCYFNAG QTCVAPDYVL CSPEMQERLL PALQSTITRF YGDDPQSSPN LGHINQKQF QRLRALLGCS RVAIGGQSNE SDRYIAPTVL VDVQETEPVM QEEIFGPILP IVNVQSVDEA IKFINRQEKP LALYAFSNSS QVVNQMLERT SSGSFGGNEG FTYISLLSVP FGGVGHSGMG RYHGKFTFD TFSHHRTCLLA PSGLEKLKEI HYPPYTDWNQ QLLRWGMGSQ SCTLL
Source	Baculovirus
Target Names	ALDH3B2
Protein Names	Recommended name: Aldehyde dehydrogenase family 3 member B2 EC= 1.2.1.5 Alternative name(s): Aldehyde dehydrogenase 8
Expression Region	1-385
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes a member of the aldehyde dehydrogenase family, a group of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The gene of this particular family member is over 10 kb in length. The expression of these transcripts is restricted to the salivary gland among the human tissues examined. Alternate transcriptional splice variants have been characterized.
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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.