



# Recombinant Human Aflatoxin B1 aldehyde reductase member 2 (AKR7A2)

<b>Product Code</b>	CSB-BP001550HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43488
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>           MLSAASRVVS RAAVHCALRS PPPEARALAM SRPPPPRVAS VLGTMEMGRR            MDAPASAAAV RAFLERGHTE LDTAFMYSDG QSETILGGLG LGLGGGDCRV            KIATKANPWD GKSLKPDSVR SQLETSKRL QCPQVDLFYL HAPDHGTPVE            ETLHACQLRH QEGKFVELGL SNYASWEVAE ICTLCKSNGW ILPTVYQGMY            NATTRQVETE LFPCLRHFGL RFYAYNPLAG GLLTGKYKYE DKDGKQPVGR            FFGNSWAETY RNRFWKEHHF EAIALVEKAL QAAYGASAPS VTSAAALRWMY            HHSQLQGAHG DAVILGMSSL EQLEQNLAAT EEGPLEPAVV DAFNQAWHLV            AHECPNYFR         </p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	AKR7A2
<b>Protein Names</b>	<p>           Recommended name: Aflatoxin B1 aldehyde reductase member 2 EC= 1.1.1.n11            Alternative name(s): AFB1 aldehyde reductase 1 Short name= AFB1-AR 1            Aldoketoreductase 7 Succinic semialdehyde reductase Short name= SSA reductas         </p>
<b>Expression Region</b>	1-359
<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 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>	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>