



Recombinant Mouse Autoimmune regulator (Aire)

Product Code	CSB-EP001502MO-B
Abbreviation	Aire
Storage	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.
Uniprot No.	Q9Z0E3
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MAGGDGMLRR LLRLHRTEIA VAIDSAFPLL HALADHDVVP EDKFQETLRL KEKEGCPQAF HALLSWLLTR DSGAILDFWR ILFKDYNLER YSRLHSILDG FPKDVDLNQS RKGRKPLAGP KAAVLPPRPP TKRKALEEPR ATPPATLASK SVSSPGSHLK TKPPKPDGN LESQHLPLGN GIQTMAASVQ RAVTVASGDV PGTRGAVEGI LIQQVFESGR SKKCIQVGGE FYTPNKFEDP SGNLKNKARS GSSLKPVVRA KGAQVTIPGR DEQKVGQQCG VPPLPSLPSE PQVNQKNEDE CAVCHDGGEL ICCDGCPRAF HLA CLSPPLQ EIPSGLWRCS CCLQGRVQQN LSQPEVSRPP ELPAETPILV GLRSASEKTR GPSRELKASS DAAVTYVNLL APHPAAPLLE PSALCPLLSA GNEGRPGPAP SARCSVCGDG TEVLRCAHCA AAFHWRFHFP TAAARPGTNL RCKSCSADST PTPGTPGEAV PTSGPRPAPG LAKVGDDAS HDPVLHRDDL ELLNEHSFD GILQWAIQSM SRPLAETPPF SS
Source	E.coli
Target Names	Aire
Protein Names	Recommended name: Autoimmune regulator Alternative name(s): Autoimmune polyendocrinopathy candidiasis ectodermal dystrophy protein homolog Short name= APECED protein homolog
Expression Region	1-552
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 transcriptional regulator that forms nuclear bodies and interacts with the transcriptional coactivator CBP. At least three splice variant mRNAs products have been described including one which results in a premature stop codon and a transcript predicted to be a candidate for nuclear-mediated decay (NMD). Defects in this gene cause the rare autosomal-recessive systemic autoimmune disease termed autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy (APECED).



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.