

Recombinant Full Length Human ALS2CR8 Protein, GST-tagged

Cat. No. ALS2CR8-1303HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALS2CR8 full-length ORF (NP_079020.12, 1 a.a. - 718 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	718 amino acids
Description	CARF (Calcium Responsive Transcription Factor) is a Protein Coding gene. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and transcriptional activator activity, RNA polymerase II core promoter proximal region sequence-specific binding.
Molecular Mass	106.2 kDa
AA Sequence	<p>MEQSNDSLRV NHNDGEESKT SAQVFEHLIC MDSRDSSFGQ NDSPTVLPIT TREANNSLIS QNIPGPLTQT QTLSAEQFHL VDQNGQAIQY ELQSLGESNA QMMIVASPTTE NGQVLRVIPP TQTGMAQVII PQGQLVDVNS PRDVPEEKPS NRNLPTVRVD TLADNTSNYI LHPQTSFPLP KKSVTGMLEE PLLGPLQPLS SNTPIWACRL RSCEKIGDSY RGYCVSETEL ESVLTFHKQQ TQSVWGTRQS PSPAKPATRL MWKSQYVPYD GIPFVNAGSR AVVMECQYGP RRGKFQLKKV SEQESRSCQL YKATCPARIY IKKVQKFPEY RVPTDPKIDK KIIRMEQEKA FNMLKKNLVD AGGVLRWYVQ LPTQQAQHYH ELETPLCLTS PSPFPVSSLE</p>

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EEETAVRDEN CALPSRLHPQ VAHKIQELVS QGIEQVYAVR KQLRKFFVERE
 LFKPDEVPER HNLSFFPTVN DIKNHIHEVQ KSLRNGDTVY NSEIIPATLQ
 WTTDSGNILK ETMTVTFAEG NSPGESITTK VETNQTRGSL SPEPTHLLSS
 LSSFQPKIFT QLQGLQLQPR YTSPDESPAV VSVNNQPSSS PSGLLDTIGS
 AVMNNNSLLL GQSHSLQRDT CLTQNNSTAS TMGNLPEPDQ NLVAMDELVE
 VGDVEDTGNL EGTVHRILLG DVQTIPIQII DNHSALIEEN PESTISVSQV
 KQEPKEPALS MEAKNCGL

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ALS2CR8 amyotrophic lateral sclerosis 2 \(juvenile\) chromosome region, candidate 8 \[Homo sapiens \]](#)

Official Symbol

[ALS2CR8](#)

Synonyms

ALS2CR8; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 8;
 amyotrophic lateral sclerosis 2 chromosomal region candidate gene 8 protein; calcium
 response factor; CaRF; FLJ21579; NYD SP24; calcium-response factor; testis
 development protein NYD-SP24; CARF; NYD-SP24; FLJ12675; DKFZp667N246

Gene ID

[79800](#)

mRNA Refseq

[NM_001104586](#)

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Protein Refseq NP_001098056

MIM 607586

UniProt ID Q8N187

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