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	MEQSNDSLRV NHNDGEESKT SAQVFEHLIC MDSRDSSFGQ NDSPTVLPIT TREANNSLIS QNIPGPLTQT QTLSAEQFHL VDQNGQAIQY ELQSLGESNA QMMIVASPTE NGQVLRVIPP TQTGMAQVII PQGQLVDVNS PRDVPEEKPS NRNLPTVRVD TLADNTSNYI LHPQTSFPLP KKSVTGMLEE PLLGPLQPLS SNTPIWACRL RSCEKIGDSY RGYCVSETEL ESVLTFHKQQ TQSVWGTRQS PSPAKPATRL MWKSQYVPYD GIPFVNAGSR AVVMECQYGP RRKGFQLKKV SEQESRSCQL YKATCPARIY IKKVQKFPEY RVPTDPKIDK KIIRMEQEKA FNMLKKNLVD AGGVLRWYVQ LPTQQAHQYH ELETPCLTLS PSPFPVSSLE

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	EEETAVRDEN CALPSRLHPQ VAHKIQELVS QGIEQVYAVR KQLRKFVERE 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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