Recombinant Full Length Human DUX4L8 Protein, GST-tagged

Cat. No. DUX4L8-4128HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DUX2 full-length ORF (AAI56160.1, 1 a.a. - 80 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	80 amino acids
Description	This gene is located within a D4Z4 repeat array in the subtelomeric region of chromosome 4q. The D4Z4 repeat is polymorphic in length and a similar D4Z4 repeat array has been identified on chromosome 10. Each D4Z4 repeat unit has an open reading frame (named DUX4) that encodes two homeoboxes; the repeat-array and ORF is conserved in other mammals. There is no evidence for transcription of the gene at this locus though RT-PCR and in vitro expression experiments indicate that a telomeric paralog of this gene is transcribed in some haplotypes. Contraction of the macrosatellite repeat causes autosomal dominant facioscapulohumeral muscular dystrophy (FSHD). [provided by RefSeq, Jun 2014]
Molecular Mass	8.8 kDa
AA Sequence	MALPKPSDGTLPAEVQGRGQRRRLVWTPSQSKALQACFERNPYPGITTRERLAQAI GIPEPRVQILFQNERSCQLRQHWH
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	DUX4L8 double homeobox 4 like 8 [Homo sapiens (human)]
Official Symbol	DUX4L8
Synonyms	DUX4L8; double homeobox 4 like 8; Double Homeobox 4 Like 8; Double Homeobox 4 Like 8 (Pseudogene); Double Homeobox 2; Putative Double Homeobox Protein 2; Double Homeobox, 2; DUX2; double homeobox 2; double homeobox 4 like 8 (pseudogene); double homeobox, 4-like; putative double homeobox protein 2
Gene ID	26583
MIM	611442

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