

Recombinant Full Length Human DUX1 Protein, GST-tagged

Cat. No. DUX1-4124HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DUX1 full-length ORF (NP_036278.1, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	170 amino acids
Description	The human genome contains hundreds of repeats of the 3.3-kb family in regions associated with heterochromatin. The DUX gene family, including DUX1, resides within these 3.3-kb repeated elements (Beckers et al., 2001 [PubMed 11245978]). See DUX4 (MIM 606009).[supplied by OMIM, Mar 2008]
Molecular Mass	45.1 kDa
AA Sequence	MALLTALDDTLPEEAQGPGRMILLSTPSQSDALRACFERNLYPGIATKEELAQGIDI PEPRVQIWFQNERSCQLRQHRRQSRPWPGRRDPQKGRRKRTAITGSQTALLLRAF EKDRFPGIAAREELARETGLPESRIQIWFQNRARRHRGQSGRAPTQASIRCNAAPIG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	DUX1 double homeobox 1 [Homo sapiens (human)]
Official Symbol	DUX1
Synonyms	DUX1; double homeobox 1; Double Homeobox 1; Double Homeobox, 1; double homeobox protein 1
Gene ID	26584
mRNA Refseq	NM_012146
Protein Refseq	NP_036278
MIM	611441
UniProt ID	O43812

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