Recombinant Human DOCK4 Protein, GST-tagged

Cat. No. DOCK4-2806H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DOCK4 partial ORF (NP_055520, 1867 a.a. - 1966 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the dedicator of cytokinesis (DOCK) family and encodes a protein with a DHR-1 (CZH-1) domain, a DHR-2 (CZH-2) domain and an SH3 domain. This membrane-associated, cytoplasmic protein functions as a guanine nucleotide exchange factor and is involved in regulation of adherens junctions between cells. Mutations in this gene have been associated with ovarian, prostate, glioma, and colorectal cancers. Alternatively spliced variants which encode different protein isoforms have been described, but only one has been fully characterized. [provided by RefSeq, Jul 2008]
Molecular Mass	36.74 kDa
AA Sequence	NQVNEQSAPLPVPVPVPVPSYGGEEPVRKESKTPPPYSVYERTLRRPVPLPHSLSIP VTSEPPALPPKPLAARSSHLENGARRTDPGPRPRPLPRKVSQL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

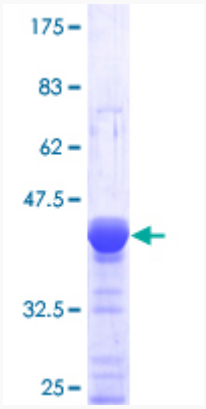
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DOCK4 dedicator of cytokinesis 4 [Homo sapiens]
Official Symbol	DOCK4
Synonyms	DOCK4; dedicator of cytokinesis 4; dedicator of cytokinesis protein 4; FLJ34238; KIAA0716; MGC134911; MGC134912;
Gene ID	9732
mRNA Refseq	NM_014705
Protein Refseq	NP_055520
MIM	607679
UniProt ID	Q8N1I0

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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