

Product datasheet for TP521865

Irag1 (NM_010826) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse MRV integration site 1 (Mrvi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221865 representing NM_010826 Red =Cloning site Green =Tags(s)
	<p>MQNQRAHLWLLDPGNGTQFGTGMGRSLTCPFGISPACGAQASWSIFGVGTAEVPGTHSHSNQAAAMPHIP EDEEPPGEPQAAQTQDSPSAGPFPSPPTIVLTGDASSPEGETDKNLVNRAPSPHRRLSHRHLKVSTASLT SVDPSGHVIDLVNDQLPDISISEEDKKKNLALLEEAKLVSERFLTRRGRKSRSSLGDSPSAVSPNLSSGA SPASSRSCSLTISTSPGLDICSQPSPPLGAPPQQKGHEDGVSSPCPGEPNVSKGLADLKQNDQRKVSQG RLAPRSPTVEKTKELTVEQKENDPLQHVEATPMAQASGASISGKMALNSPQPSPAEMELGRQLLKTARE GNPLPRTTAQSGGTVSPHSLGQGSAGEPMGPKAGSKAELRSPVSRPPLIRGVSWDSSPEEPGPLLQKVL AKLPLAEEEEKRFPGKAKPAKPPGLKDFIQVQPVVMQKLTKLREEHILMRNQNLVGFKLPELSEAAEQDK GVSPELAPAAEEEEESKSGLDVMPNISDILLRKLRVHKSALTGSAPPLTEKEVENVFVQLSLAFRNDSTYTL SRINQAERERNLTEENTEKELENFKASITSSANIWIYHCEHRETYQKLEEDIAVLHRLAARLSSRAEVGA VRQEKRMKSKATEVMMQYVENLKRTEYKDHAELEMEFKLANQNSSRSCGSPEDGVPRTARMSLTMGKNMP RRRVSVAVVPKFNALNLPQGAPSSSPMPSLPALSESSNGKSSISVSPALPALLENGKTNAEANCEVGPV PLPSCLEETSQETKAKAEEEEAYSKGYQEGVKKTEELQDLKEEEEEEQKTESPEEPEEVEETQEDEKQDQGS SKLEELVHFLQVMYPKLCQHWQVIWMMMAAVMLVLSVVLGLYSSYNCTEADGPPGRSTCSAAQRDSWWS SGLQQELPAEQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	100.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034956
Locus ID:	17540
UniProt ID:	Q3UR44 , G5E8V5
RefSeq Size:	5958
Cytogenetics:	7 57.9 cM
RefSeq ORF:	2763
Synonyms:	BB115629; Irag; Mrvi1; R; Ris1
Summary:	This gene is a putative tumor suppressor gene that is frequently disrupted by mouse AIDS-related virus (MRV). The encoded protein participates in signaling by nitric oxide (NO) to inhibit intracellular calcium release and platelet aggregation in cardiovascular tissue. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2013]