

Product Datasheet

Recombinant Human Nrf2 GST (N-Term) Protein H00004780-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00004780-P01-10ug**Recombinant Human Nrf2 GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	94.2 kDa
Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-605 of Human NFE2L2</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MMDLELPPPGGLPSQQDMDLIDILWRQDIDLGVSRVDFDSQRRKEYELEKQKK LEKERQEQLQKEQEKAFFAQLQLDEETGEFLPIQPAQHIQSETSGSANYSQVA HIPKSDALYFDDCMQLLAQTFFVDDNEVSSATFQSLVPDIPGHIESPVFIATNQ AQSPETSVAQVAPVDLDGMQQDIEQVWEELLSIPELQCLNIENDKLVETTMVPS PEAKLTEVDNYHFYSSIPSMEKEVGNCSPHFLNAFEDSFSSILSTEDPNQLTVN SLNSDATVNTDFGDEFYSAFIAEPSISNSMPSPATLSHSLSELLNGPIDVSDLSL CKAFNQNHPESTAEFNDSDSGISLNTSPSVASPEHSVESSSYGDTLLGLSDSE VEELDSAPGSVKQNGPKTPVHSSGDMVQPLSPSQGQSTHVHDAQCENTPEK ELPVSPGHRKTPFTKDKHSSRLEAHLTRDELRAKALHIPFPVEKIINLPVDFNE MMSKEQFNEAQLALIRDIRRRGKNKVAAQNCRKRLKENIVELEQDLHLKDEK EKLLKEKGENDKSLHLLKKQLSTLYLEVFSMLRDEDGKPYSPSEYSLQQTRDG NVFLVPKSKKPDVKKN</p>
Gene ID	4780
Gene Symbol	NFE2L2
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification, Kinase Assay
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification, Kinase Assay



Images

SDS-Page: Recombinant Human Nrf2 Protein [H00004780-P01] - 12.5%
SDS-PAGE Stained with Coomassie Blue.



Publications

Matzinger M, Fischhuber K, Poloske D et al. AMPK leads to phosphorylation of the transcription factor Nrf2, tuning transactivation of selected target genes. Redox Biol. 2019-11-27 [PMID: 31805502]

Xizhu F, Yeon-Hwa L, Jeong-Hoon J et al. ARD1 stabilizes NRF2 through direct interaction and promotes colon cancer progression. Life Sci. 2022-11-25 [PMID: 36442525]

Joo MS, Koo JH, Shin SB et al. Oligopeptide Competition Assay for Phosphorylation Site Determination. J Vis Exp 2017-05-18 [PMID: 28570513]

Khalil Hs, Goltsov A, Langdon Sp et al. Quantitative analysis of nRF2 pathway reveals key elements of the regulatory circuits underlying antioxidant response and proliferation of ovarian cancer cells. J. Biotechnol. 2014-11-05 [PMID: 25449014] (WB, Human)



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Products Related to H00004780-P01-10ug

NBP2-51955-0.02mg	Recombinant Human Nrf2 His Protein
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NBP1-32822	Nrf2 Antibody
M6000B-1	IL-6 [HRP]

Limitations

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