

Recombinant *Shigella flexneri* serotype X ipaH9.8 protein, His-tagged

Cat. No. ipaH9.8-4311S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Shigella flexneri</i> serotype X ipaH9.8 protein(D2AJU0)(1-545aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Shigella flexneri</i> serotype X
Source	<i>E. coli</i>
ProteinLength	1-545aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	66 kDa
AA Sequence	MLPINNNFSLPQNSFYNTISGTYADYFSAWDKWEKQALPGEERDEAVSRLKECLINN SDELRLDRLNLSSLPDNLPAQITLLNVSYNQLTNLPELPVTLKKLYSASNKLSELPVLP PALESLQVQHNELENLPALPDSLLTMNISYNEIVSLPSLPQALKNLRATRNLFTLPAF SEGNPVPVREYFFDRNQISHIPESILNLRNECSIHISDNPLSSHALQALQRLTSSPDYH GPRIYFSMSDGQQNTLHRPLADAVTAWFPENKQSDVSQIWHAFEHEEHANTFSAFL DRLSDTVSARNTSGFREQVAAWLEKLSASAELRQQSFAVAADATESCEDRVALTW NNLRKTLLVHQASEGLFDNDTGALLSLGREMFRLEILEDIARDKVRTLHFVDEIEVYL AFQTMLAEKLQLSTAVKEMRFYGVSGVTANDLRTAEAMVRSRENEFTDWFSLWG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PWHAVLKRTEADRWAQAEEQKYEMLENEYPQRVADRLKASGLSGDADAEREAGA
QVMRETEQQIYRQLTDEVLALRLSENGSQLHHS

Purity

Greater than 90% as determined by SDS-PAGE.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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